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OCTOBER, 1909

NUMBER 4

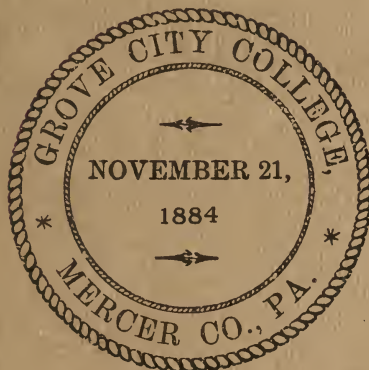
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Grove City College

BULLETIN

CATALOGUE


1908-1909



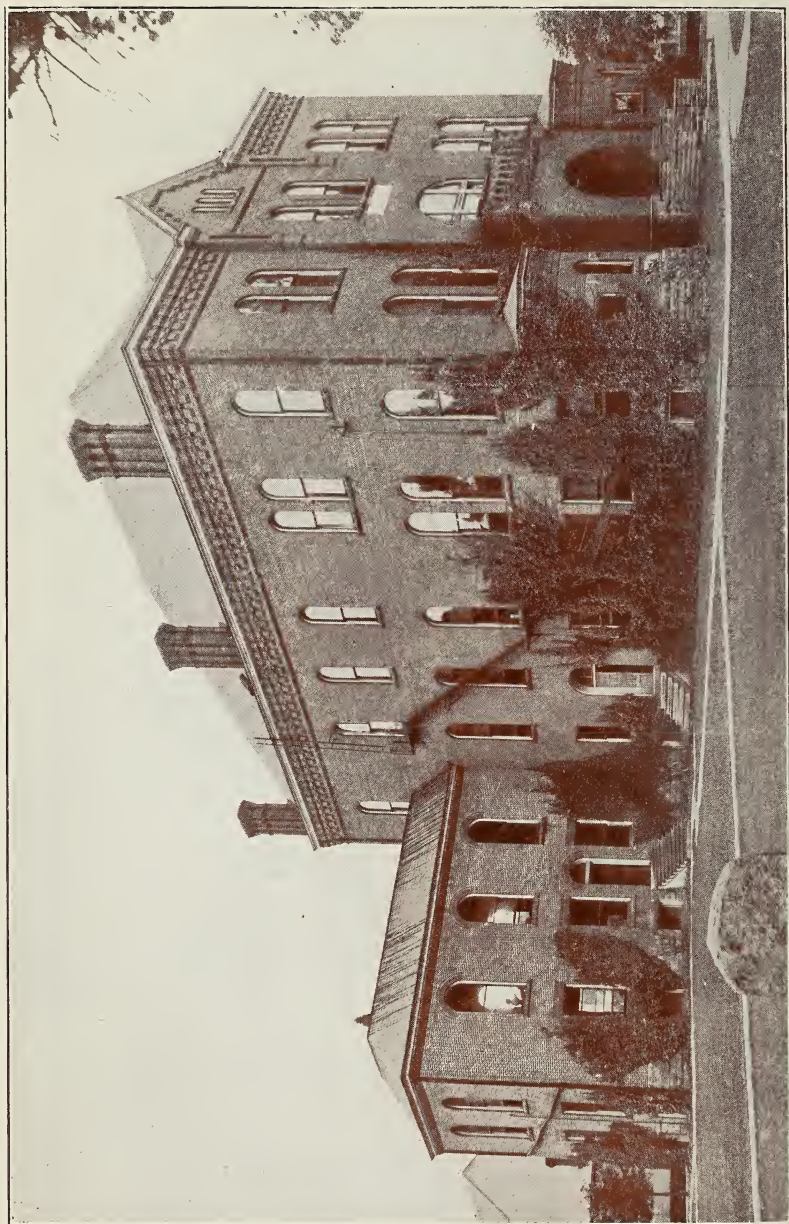
GROVE CITY, PENNSYLVANIA

ISSUED QUARTERLY BY THE COLLEGE

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ADMINISTRATION BUILDING

QUARTERLY BULLETIN

NO. 4, FIFTH SERIES

OF

Grove City College

CATALOGUE 1908-1909

AND

COURSES OF STUDY FOR 1909-1910

THIRTY-FOURTH YEAR

GROVE CITY, PENNSYLVANIA

OCTOBER, 1909

WM. B. SMITH CO.
PRINTERS AND DESIGNERS
REEDSVILLE, PA.

EDITORIAL

In issuing this fourth and last bulletin for the college year 1909-10, we have the privilege of reporting an unusually successful college year, in attendance and in the character of the work done. This must be reported as a banner year in the history of the College.

One of the most encouraging things to report is the splendid support the Alumni of the college have been giving in the way of financial assistance. It is a pleasure also to note that the college is growing in favor both East and West, and that men of means are looking toward Grove City College with a view to profitable investments.

One of the phases of college work which has done much to bring the institution into favorable public notice is the splendid work being done along classical lines. There is, perhaps, no other college in the State of Pennsylvania doing an equal work in the ancient classics. If the College stands for one thing more than another scholastically, it is for the emphasis given to Latin, Greek, English, and the linguistic studies in general. While giving such a large place to the classics, the college does not ignore Mathematics and the Sciences, especially in their general and fundamental aspects.

THE SUMMER WORK of the College is attracting wide interest. The adoption of a ten week's Summer term, in which both preparatory students and college students can find work suited to any stage of advancement, is an innovation in Pennsylvania college work and meets a wide-felt need.

The maintaining of departments of advanced study in Philosophy, English, the Sciences, and many other subjects for post graduate purposes is also meeting a hearty response. A great many clergymen especially are looking forward to the ten weeks' Summer session of 1910 with a view to take up special work in Philosophy, English, etc. These subjects count toward

post graduate degrees. As in the Summer of 1909, Dean Ormond of Princeton, and Dr. Hardin Craig of the English department of the Princeton University, will render invaluable assistance to the Faculty in carrying forward the work desired by advanced students. President Ketler and Doctors Ormond and Bowne will give special courses in Philosophy, Metaphysics,—Epistemology, History of Philosophy, etc., and Dr. Hardin Craig with other specially equipped men will provide work for advanced students in English. This School begins June 21st and closes August 19th. It involves ten weeks' work within nine actual weeks.

For the Summer of 1910 there will be special Schools in Pedagogy, Music, the Fine Arts, Commercial Branches, as well as in College Preparatory Studies, Collegiate Studies, and Review Work for teacher.

THE BIBLE SCHOOL

The Bible School for 1910, beginning August the 4th and closing the 14th will offer special courses by most distinguished scholars on both sides of the Atlantic. Among the splendid men will be such Theological Professors as Professor Robert Dick Wilson of Princeton, President James A. Kelso of Allegheny, Professor D. A. McClenahan of Allegheny, Professor Hugh Black of the Union Theological Seminary, Sir William and Lady Ramsey of Scotland, Professor Borden P. Bowne of the Boston University, Dr. A. T. Ormond of the Princeton University and many others.

The college year of 1910-11 will begin Tuesday, September the 20th. With the beginning of the next college year the College will have additional equipments for the furtherance of its work. Two buildings not hitherto a part of the college plant, will be ready for occupancy,—one a splendid building for Christian Association work and one, Cunningham Hall, as an annex to the Colonial, the ladies' dormitory. With the beginning of the college year 1910-11 the number of ladies received into the college classes from the outside will be limited to the capacity of the dormitories. It is hoped that the College

will be able to provide rooms and boarding under College auspices for at least eighty lady students. This, with the local attendance, will enable the College to provide for almost as many lady students as in former years. Steps will be taken for the securing of an additional dormitory so as to enlarge these facilities.

The expenses of a college course at Grove City are kept within the bounds of young men and women of limited means. Cooperative boarding clubs and boarding under college auspices enable the institution to provide for students at reasonable and economical expenditures. The boarding of young women will be graded according to the desirability and accommodations of the rooms provided.

THE SUMMER TERM FOR 1910

The Summer term for 1910 will begin June the 21st and close August the 19th. This term involves ten weeks' work in nine actual weeks. This is accomplished by having recitations six days in the week for two weeks of the session and by having class work the first three days of the last week and deferring examinations until Thursday and Friday of the closing week.

THE FOUR TERMS SYSTEM

The adoption of the four terms system has met with a great deal of favor, especially among those who wish to teach and do other work a portion of the year. The Summer term counts as much as any other session of the year and is attended by college students, teachers and graduate students, as well as by clergymen and others who wish post graduate instruction.

ORATORY PRIZES

Three prizes are offered by the College in Oratory. These prizes are available for members of the Junior class. The prizes are \$50.00, \$30.00 and \$20.00 each.

THE MILITARY DEPARTMENT

The Military Department, under the patronage of the general Government, has proved of great advantage to the College. An officer of the United States Army is regularly detailed at this institution to give instruction in Military Science and Tactics. The uniform required is a fine gray suit after the West Point style and pattern. This involves an outlay of fifteen dollars for the complete suit, but it is a matter of great economy, as such a suit will serve for the full four years and is used as a regular school suit, thus saving considerable expense to the student. All young men physically qualified are required to take Military training, except those who are excused during the several seasons as members of the regular college foot-ball, basket-ball and base-ball teams. Those who are financially unable to secure the full Military suit are required to secure the cap, trousers and shirt-waist, involving an expense of about \$4.50 to \$5.00.

CALENDAR

1909

September 21, Tuesday	-	-	-	Fall term begins, 9:00 a. m. Entrance examinations, 1:30 p. m. Term continues twelve weeks.
December 8, Wednesday	:	:	:	Final examinations.
9, Thursday	:	:	:	

HOLIDAY VACATION

1910

January 4, Tuesday	-	-	-	-	Winter term begins, 9:00 a. m. Entrance examinations, 1:30 p. m. Term continues twelve weeks.
March 24, Thursday	-	-	-	-	Winter term ends.
March 29, Tuesday	-	-	-	-	Spring term begins, 9:00 a. m. Entrance examinations, 1:30 p. m. Term continues twelve weeks.
June 5, Sabbath	-	-	-	-	Annual Sermon to the Christian Associations.
9, Thursday	-	-	-	-	Final examinations.
10, Friday	-	-	-	-	
11, Saturday	-	-	-	-	
12, Sabbath	-	-	-	-	Baccalaureate Services, 8:00 p. m.
13, Monday	-	-	-	-	Athletic and Field Sports. Graduating Exercises of Music Department, 8:00 p. m.
14, Tuesday	-	-	-	-	Class Day Exercises, 10:00 a. m. Trustees Meeting, 11:00 a. m. Art Reception, 9:30 a. m., 2-5 p. m. The President's Reception, 8 p. m.
15, Wednesday	-	-	-	-	Commencement. Alumni Banquet, 8:00 p. m.
21, Tuesday	-	-	-	-	Summer term begins, 9:00 a. m.
August 4, Thursday	-	-	-	-	Bible Conference begins.
September 20, Tuesday	-	-	-	-	Fall term begins.

1911

January 3, Tuesday	-	-	-	-	Winter term begins.
March 28, Tuesday	-	-	-	-	Spring term begins.
June 20, Tuesday	-	-	-	-	Summer term begins.

THE CORPORATION

Grove City College was first incorporated as an academy, August, 1879. It was re-incorporated as a college, November 21, 1884. The membership in this corporation consists of a body of thirty members, each holding office for three years, with the addition of the President of the Faculty, who is a member ex-officio. It is a self-perpetuating body. One-third of the thirty elected members go out of office each year at the date of the annual meeting, when their successors are elected by the remaining members of the Board. The term of office of Class I expires the Tuesday before Commencement, 1910; of Class II, 1911; of Class III, 1912. No religious test is required of a member of the Corporation, or of a member of the Faculty, or of a student. Under the charter the College is Christian and evangelical, but not denominational.

TRUSTEES

WHEN FIRST
ELECTED

CLASS I (Term expires 1910)

RESIDENCE

1895	REV. WM. H. McMILLAN, D. D.	Pittsburg
1895	J. N. PEW	Philadelphia
1895	EDWARD O'NEIL	Sewickley
1898	HENRY BUHL, JR.	Pittsburg
1880	NEWTON CAMPBELL	Grove City
1888	REV. W. J. McCONKEY, D. D.	Grove City
1907	CHARLES G. KISKADDON, ESQ.	Pittsburg
1907	W. S. McKAY	Grove City
1895	ISAAC C. KETLER, D. D., LL. D., Ex-Officio.	

CLASS II (Term expires 1911)

1895	MAJOR A. P. BURCHFIELD	Pittsburg
1905	WM. ALBERT HARBISON	Pittsburg
1880	S. F. THOMPSON, ESQ.	Mercer
1896	REV. A. R. RICH, D. D.	New Castle
1906	WILLIAM V. YOUNG	Grove City
1895	REV. W. E. OLLER, D. D.	Butler
1902	WILSON A. SHAW	Pittsburg
1902	MARK W. GRAHAM	Grove City
1895	REV. JOSEPH T. GIBSON, D. D.	Pittsburg
1907	REV. FRANK W. SNEED, D. D.	Pittsburg

CLASS III (Term expires 1912)

1902	E. J. FITHIAN, M. D.	Grove City
1880	THOMAS W. DALE	Grove City
1887	J. C. GLENN	Grove City
1897	JUDGE S. H. MILLER	Mercer
1880	J. T. BLAIR	Parkersburg, W. Va.
1893	A. M. CRAIG	Grove City
1901	H. A. MILLER ESQ.	Pittsburg

OFFICERS AND COMMITTEES OF THE BOARD

J. N. PEW	President
REV. WM. H. McMILLAN, D. D.	Vice President
J. C. GLENN	Secretary
W. S. MCKAY	Assistant Secretary
GROVE CITY NATIONAL BANK, Grove City	Treasurer

EXECUTIVE COMMITTEE

W. V. YOUNG, Chairman	NEWTON CAMPBELL
MARK W. GRAHAM	T. W. DALE
J. N. PEW	EDWIN J. FITHIAN, M. D.
J. C. GLENN, Secretary	W. J. MCCONKEY, D. D.
REV. ISAAC C. KETLER, D. D.	

FINANCE COMMITTEE

A. P. BURCHFIELD, Chairman	W. A. HARBISON
JUDGE S. H. MILLER	WILSON A. SHAW
C. G. KISKADDON, Esq.	HENRY BUHL, Jr.
EDWARD O'NEIL	

ADVISORY MEMBERS

J. N. PEW	ISAAC C. KETLER	W. V. YOUNG
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COMMITTEE ON INSTRUCTION

REV. W. J. MCCONKEY, D. D. Chairman	REV. W. H. McMILLAN, D. D.
REV. J. T. GIBSON, D. D.	REV. A. R. RICH, D. D.
REV. ISAAC C. KETLER, D. D.	

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S. F. THOMPSON, Esq.	MAJOR A. P. BURCHFIELD
J. T. BLAIR	JUDGE S. H. MILLER
DR. E. J. FITHIAN	

FACULTY COMMITTEES

EXECUTIVE
PRESIDENT KETLER
DR. HAYS
DR. KELSO

MATRICULATION
DR. HAYS
DR. CALDERWOOD
DR. RAY



THE COLONIAL

FACULTY

REV. ISAAC C. KETLER, PH. D., D. D., LL. D.

President and Professor of Philosophy

REV. JAMES F. RAY, D. D.

Registrar and Assistant to the President

REV. FRANK W. HAYS, PH. D., D. D.

Professor of History and Political Science

REV. SAMUEL DODDS, PH. D., D. D.

Professor of Psychology and English

ALVA J. CALDERWOOD, A. M., PH. D.

(Grove City College and the Harvard University)

Professor of Latin Language and Literature

REV. JOHN B. KELSO, A. M., PH. D.

(Washington and Jefferson College, A. B.; Yale University; Leipsic, Germany, Ph. D.)

Professor of Greek Language and Literature

ELINOR CARUTHERS, A. M., PH. D.

(Grove City College)

Professor of German

MARY G. MILLICHAMP, A. B.

(University of Toronto)

Professor of French, and Dean at the Colonial

HERBERT W. HARMON, B. S., M. L.

(Hobart College, M. L.; Cornell University, B. S.)

Professor of Physics, and Mechanical and Civil Engineering

OTTO J. SIEPLEIN, M. S., PH. D.

(Case School of Applied Science, M. S.; Bonn University, Germany, Ph. D.)

Professor of Chemistry

B. ALEMBERT MONTGOMERY, A. M., M. D.

(Grove City College, A. B.; The University of Pennsylvania, M. D.)

Professor of Biology and Physiology

MABEL YOUNG, A. M.

(Grove City College)

Assistant in the Department of English

WEIR C. KETLER, A. B.

(Grove City College)

Professor of Mathematics

HERR HERMANN POEHLMANN, Mus. D.

(Late Professor in the Royal Conservatory of Music, Dresden, Saxony)

Director of the Music Department, and Professor of Piano, Voice and Violin

HERR GUSTAV MEHNER

Late Professor in the Royal Conservatory of Music, Dresden, Saxony)
Professor of Pipe-Organ, Piano and Harmony

JENNIE GLENN

(Grove City College)

Assistant teacher of Piano and Harmony

CHARLES A. DOBSON, BARITONE

(Grove City College)

Assistant in Voice Instruction

SHIRLEY BASSETT

(Grove City College)

Accompanist, Violin

LILLIAN McCONKEY, A. M.

(Grove City College; Philadelphia School of Design)

Instructor in the Fine Arts

LILLIAN BURNS

Oratory and Physical Culture

IDA LUELLA MEYER

Instructor in Stenography and Typewriting

E. C. MYERS

(Gem City Business College; Rochester Business Institute)

Principal of the Business Department

LIEUT. WM. A. CASTLE, 9TH INFANTRY, U. S. A.

Detailed October 23d, 1907, as Professor of Military Science and Tactics

IDA J. BATDORFF

Matron at the Colonial

ELIZABETH PEW

(Pennsylvania College for Women)

Librarian

CECIL STEWART

Stenographer

WILLIAM SHORTS

Engineer

ELMER SHORTS

Janitor

SUMMER SCHOOL, 1909

FACULTY

PRESIDENT ISAAC C. KETLER, PH. D., D. D., LL. D.

Philosophy and Literature

REV. SAMUEL DODDS, PH. D., D. D.

Psychology, Geology and the English Bible

ALVA J. CALDERWOOD, A. M., PH. D.

Latin Language and Literature

REV. GEORGE KENNEDY, D. D.

(Geneva College)

Greek Language and Literature

HERBERT W. HARMON, B. S., M. L.

Physics, Botany and Mechanical Draughting

OTTO J. SIEPLEIN, M. S., PH. D.

Chemistry and Physical Geography

WEIR C. KETLER, A. B.

Algebra, Geometry and Constitutional History

JOHN W. RUTHERFORD

Zoology, Analytical Geometry and U. S. History

EDITH BELLEVILLE, A. B.

French, and General History

ELINOR CARUTHERS, A. M., PH. D.

German

A. T. ORMOND, PH. D., LL. D.

(Princeton University)

Philosophy

HARDIN CRAIG, PH. D.

(Princeton University)

English Literature and Composition

GEORGE M. SLEETH

(Lecturer in the Theological Seminaries of Pittsburg)

Shakespeare and Literary Criticism

BORDEN P. BOWNE, D. D., LL. D.

(Boston University)

Special Course in Metaphysics

HERR GUSTAV MEHNER

Professor of Pipe-Organ, Piano and Harmony

MRS. MINNETTE MILLER AYERS

Vocal Music

SHIRLEY BASSETT

Violin

NANNIE MACKRELL

(Principal of the Moorhead Schools, Pittsburg)

Pedagogy—Primary and Intermediate Methods

INIS McCLYMONDS

(Slippery Rock State Normal School)

School Art in all its phases

JOSEPHINE BELL

(Primary Supervisor in the Luckey Schools, Pittsburg)

Reading

SHERMAN L. BLACK

Music in the Public Schools

MARGARET WILLIAMS

Instructor in the Fine Arts

E. C. MYERS

Principal of the Business Department

IDA LUELLA MEYER

Instructor in Stenography and Typewriting

HARRIETT PEW

Dean at the Colonial

IDA J. BATDORFF

Matron at the Colonial

FANNIE GILSON

Librarian

CECIL STEWART

Stenographer

BIBLE SCHOOL, 1909

OLD TESTAMENT INSTRUCTORS

- PROFESSOR ROBERT DICK WILSON, D. D., of the Princeton Theological Seminary, Princeton, N. J.
- PROFESSOR DAVID A. McCLENAHAN, D. D., of the Allegheny Theological Seminary, (United Presbyterian), Allegheny, Pa.
- PROFESSOR JAMES A. KELSO, Ph. D., D. D., of the Western Theological Seminary, Allegheny, Pa.
- PROFESSOR WILLIAM G. MOOREHEAD, D. D., of the Xenia Theological Seminary, Xenia, Ohio.

NEW TESTAMENT INSTRUCTORS

- DR. ELMORE HARRIS, of the Bible Training School, Toronto, Canada.
- PROFESSOR WILLIAM G. MOOREHEAD, D. D., of the Xenia Theological Seminary, Xenia, Ohio.
- PROFESSOR CHARLES R. ERDMAN, of the Princeton Theological Seminary, Princeton, N. J.
- PROFESSOR W. P. DuBOSE, of the Southern University, Sewanee, Tennessee.
- REV. GEORGE MILLIGAN, D. D., Caputh, Scotland.

LECTURESHIPS

1. PHILOSOPHY, by Prof. Borden P. Bowne, Boston University, Boston, Mass.; by Prof. A. T. Ormond, Princeton University, Princeton, N. J.
2. HOMILETICS—THE ART OF PREACHING, by Rev. John Thomas, Liverpool, England.
3. MISSIONS, by Bishop James M. Thoburn, late of India; Rev. William C. Johnston, and Mrs. Emily Truax Johnston, of Batanga, West Africa; Rev. Dr. and Mrs. Howard Campbell, of Chieng Mai, Laos; Stephen C. Lewis, M. D., of the Hunan Province, China; Rev. and Mrs. William J. Brandon, of the Punjab, and others.
4. THE DEEPER LIFE, by Dr. Elmore Harris, of Toronto.
5. EVANGELISM, by the Rev. Jos. P. Calhoun, D. D., Maryville, Tennessee; Rev. Henry W. Stough, D. D., and Rev. Edwin Forest Hallenbeck, D. D., New York.
6. PULPIT ENGLISH, by Dr. Hardin Craig, of the Princeton University, Princeton, N. J.
7. ORATORY, by Prof. George M. Sleeth, of the Theological Seminaries of Pittsburg.
8. ARCHÆOLOGY, by Dr. M. G. Kyle, of Philadelphia.

ENTRANCE REQUIREMENTS

The requirements for admission to the Freshman Class in any one of the college courses embraces practically four years' work in academic studies. Many high school graduates are prepared to enter Freshman Class under conditions, which they can remove by some extra work, and especially during the Summer sessions. Many students from township High Schools who have completed part of the requirements for entrance can often qualify for the Freshman Class by one year's work or by study in the Preparatory Department of the College for one, two, three or more terms.

In many cases students from High Schools of high standing are able to enter the Freshman Class of this College without conditions, and especially where the High School course which they have pursued embraces work in the Freshman Year. In all such cases this institution recognizes meritorious work and receives it in the matter of credits as off-setting required branches in our preparatory Department which the candidate has not had.

Applicants for admission to the College proper or to the College Preparatory Department must be persons of good character, and if they have been enrolled in other colleges they must present certificates of honorable dismissal. No work is provided in absentia for undergraduate students, and all candidates for degrees must be in college for one full college year preceding the annual Commencement. Students desiring to pursue a partial course are permitted to join any class for which they are qualified, and candidates for degrees must, by examination, or in ways satisfactory to the Committee on Matriculation, qualify for the class they wish to enter. The subjects required for admission to the Freshman Class are arranged under the following heads:

1. ENGLISH:

English Grammar, Composition and Rhetoric.

Every candidate is expected to have a creditable knowledge of the science of English Grammar, Composition and

Rhetoric, and such facility in the use of English as will enable him to write intelligent letters and compositions, showing accurate knowledge of orthography, punctuation and sentence and paragraph making.

The work indicated contemplates such a knowledge of English Grammar as may be had in the best grade grammar schools and in High Schools, and such a knowledge of Rhetoric and Composition as may be derived from A. S. Hill's Principles of Rhetoric, covering two terms of class room work at least.

In addition to the foregoing, candidates will be required to furnish satisfactory proof of having read at least six masterpieces in prose or poetry, such as Macauley's Essays on Milton and Addison, The Vicar of Wakefield, Adam Bede, Longfellow's Evangeline, Scott's Lady of the Lake, The Merchant of Venice, or to have pursued carefully a course of reading in prose such as may be had in Prof. George R. Carpenter's Model English Prose, or in the same author's Modern English Prose. Instead of the foregoing the candidate may substitute "Entrance English for 1906-08."

Candidates for admission to the Freshman Class who have not done the required reading in English can enter the Freshman Class conditioned in the course of reading and make up the conditions in the Freshman year under the direction of the Professor of English.

II. MATHEMATICS :

Arithmetic, Complete ; Algebra through Quadratic Equations and Progressions ; Geometry, Plane, Solid and Spherical, nine books—Wentworth.

Work in the foregoing studies can be had in the Preparatory Department of the College each session of the college year and also during the Summer.

III. LATIN :

Latin Grammar (Allen & Greenough) ; First Latin (Collar & Daniell) ; Caesar, five books ; Five Orations of Cicero ; and Virgil's Aeneid, six books.

The above represents three years' work in Latin in the Preparatory Department. The exact amount of Latin read each year cannot be definitely anticipated, the amount being of less importance than the faithful mastering of the laws of

construction and the gaining of facility in the use of the Latin vocabulary.

IV. GREEK :

Greek Grammar, Goodwin's revised ; First Greek Book, White ; Anabasis, five books ; Homer's Iliad, two books ; Greek Composition. For the two books of Homer the student may substitute an equivalent in New Testament Greek or in Attic Prose.

The above represents two and one-half years' work in the College Preparatory Department.

V. GERMAN :

For the first year : Spanhoofd's Lehrbuch der deutschen Sprache completed, including composition and conversation.

For the second year : Reading of selections of German prose in connection with drills, exercises, composition ; conversation and dictation based on the matter read. Also one classic.

VI. FRENCH :

For the first year : Francois' Beginners' French completed, including composition and conversation.

For the second year : Reading of selections of French prose in connection with drills, exercises, composition ; conversation and dictation based on the matter read. Also three classics.

VII. HISTORY AND SCIENCE :

In History the requirement is United States History, as much as is covered by McMaster, Johnson or Montgomery ; Political Geography, Redway and Hinman ; Physical Geography, Hinman ; Physiology, Walker ; Physics, one term in Gage.

Equivalent work, as per texts, will always be accepted. Extended courses in any two subjects may be accepted in the place of shorter courses in three subjects. The final determination of such questions is left with the Committee on Matriculation.

Of the above general courses the following are required for admission to the Freshman Class :

Of the Classical Course : I, II, III, IV and VII.

Of the Scientific Course : I, II, III, VII and V or VI.

Of the Philosophical Course : I, II, III, VII and IV or V or VI.

Of the Engineering Course : I, II, VII and any two of III, V and VI.

Students may be admitted to the Freshman Class in any department when their conditions do not amount to above two sessions' work, but with the understanding that all conditions must be removed before the beginning of the Junior year. Sixteen and seventeen hours a week (for the most part seventeen) are



A STREET VIEW OF THE LIBRARY AND CAMPUS

required in all the courses. Students who have a record for good work may be permitted to undertake courses requiring twenty hours each week.

REQUIREMENTS IN HOURS

The Preparatory work in this institution exclusive of the common branches, (Grammar, Arithmetic, Political Geography, United States History, Penmanship, Orthography and Civics), requires 120 hours of class room work or 24 full credits in preparatory studies above the common branches. A credit is secured by a satisfactory examination at the close of three months' work (daily recitations) in any one subject or branch.

In the collegiate department the requirements are 210 hours, or 42 full credits.

CERTIFICATES OF ADMISSION

Graduates of reputable High Schools and Academies, which have been approved by the College, are received on certificate, the Committee reserving the right to except to any work which is known to be of poor quality or of much less amount than is required in the Preparatory Department of the College. Work beyond the requirements for admission done in such schools and in Normal schools, which is the same in quality and quantity as that required by the College, when properly certified, will also be accepted and credited on a college course.

CORRESPONDENCE

Correspondence with Principals of High Schools and Academies relating to the terms of admission to the College is invited. The fairest treatment consistent with the good standing of the College will be accorded to young people who come from reputable schools.

SYNOPSIS OF THE ANCIENT CLASSICAL COURSE

FRESHMAN YEAR

FIRST TERM—Mathematics: Plane Trigonometry, 5 hours.

Latin: Livy, 5 hours.

Greek: Thucydides, 3 hours.

English: Advanced Rhetoric, The Study of Style, 3 hours.

SECOND TERM—Mathematics: College Algebra, 5 hours.

Latin: Composition, 3 hours.

Latin: Quintilian, 2 hours.

Greek: New Testament Greek, 3 hours.

English: Advanced Rhetoric, The Study of Style, 3 hours.

THIRD TERM—Mathematics: Surveying, with field work, 5 hours.

Latin: Cicero de Senectute et de Amicitia, 5 hours.

Greek: Composition, 3 hours.

Greek: Herodotus, 2 hours.

English: Analytics of English, 3 hours.

SOPHOMORE YEAR

FIRST TERM—Mathematics: Analytical Geometry, 5 hours.

Latin: Terence, 3 hours.

History: England, 3 hours.

English: Analytics of English, 2 hours.

Greek: Plato, 5 hours.

SECOND TERM—Latin: Tacitus, 3 hours.

Greek: Demosthenes de Corona, 3 hours.

History: Mediæval Period, 3 hours.

English: English Literature from 449 A. D. to death of
Chaucer, 3 hours.

Science: Physics, with laboratory, 5 hours.

THIRD TERM—Greek: The Drama, Aeschylus, 3 hours.

Greek: Odes of Pindar, 2 hours.

Latin: Horace, 5 hours.

Science: Physics, with laboratory, 5 hours.

English: English Literature, Elizabethan Age, 3 hours.

JUNIOR YEAR

FIRST TERM—Science: Psychology, 5 hours.

Science: Chemistry, with laboratory, 5 hours.

English: English Literature, Elizabethan and Puritan Age, 3
hours.

Science: Biology, 5 hours.

Greek: The Drama, The Antigone, Sophocles, 2 hours.

SECOND TERM—Science: Psychology, 5 hours.

Science: Chemistry, with laboratory, 5 hours.

Science: Biology, with laboratory, 3 hours.

The Bible: Old Testament, 3 hours.

English: English Literature, Age of Classicism and of Romanticism, 3 hours.

THIRD TERM—History: Constitutional History of the United States, 5 hours.

The Bible: Old Testament, 3 hours.

Science: Biology, with laboratory, 5 hours.

English: Literary Criticism, Essays and Theses, 5 hours.

SENIOR YEAR

FIRST TERM—English: American Authors, 3 hours.

Science: Geology, 5 hours.

Philosophy: History of Philosophy, 3 hours.

Philosophy: Political Economy, 5 hours.

The Bible: New Testament, 3 hours.

SECOND TERM—English: 19th Century English Authors, 3 hours.

Philosophy: Metaphysics, 3 hours.

Political Science, 5 hours.

Philosophy: Ethics, 3 hours.

Science: Astronomy, 5 hours.

THIRD TERM—Logic: 5 hours.

English: 19th Century English Authors, 3 hours.

English: History of Art, 5 hours.

International Law, 5 hours.

Reasonable substitutions in this course consistent with its character are permitted on application to the Faculty. Sixteen hours are required in the Freshman and Sophomore years, and seventeen hours in the Junior and Senior years. Approved students may take twenty hours' work. In the linguistic requirements of this course Latin and Greek are major considerations and can only be dropped to take up French and German, or French or German, when the student has demonstrated that he has a good working knowledge of Latin and Greek. Credits will not be allowed on linguistic studies pursued for less than one year.

Forty-two full credits are required in the preceding course, or 210 hours. A full credit means three months' work (daily recitations) in any subject or branch.

Not fewer than eight hours of Senior work is required during each session of the entire Senior year, including Metaphysics and the History of Philosophy.

SYNOPSIS OF THE MODERN CLASSICAL COURSE

FRESHMAN YEAR

FIRST TERM—Mathematics: Plane Trigonometry, 5 hours.

French: L'ancien Régime—Taine, and Composition, 5 hours.

German: Hermann und Dorothea—Goethe, 3 hours.

English: Advanced Rhetoric, The Study of Style, 3 hours.

SECOND TERM—Mathematics: College Algebra, 5 hours.

French: Histoire de la Littérature Française, 3 hours.

French: Exercises in Colloquial French, 2 hours.

German: Composition, 2 hours.

English: Advanced Rhetoric, The Study of Style, 3 hours.

THIRD TERM—Mathematics: Surveying, with field work, 5 hours.

French: Le Cid—Corneille and Conversation Studies, 5 hours.

German: Deutsche, Literaturgeschichte and Conversation Studies, 5 hours.

English: Analytics of English, 3 hours.

SOPHOMORE YEAR

FIRST TERM—Mathematics: Analytical Geometry, 5 hours.

French: Le Pays de France—Foncin, 3 hours.

German: Maria Stuart—Schiller, and Composition, 5 hours.

History: England, 3 hours.

English: Analytics of English, 2 hours.

SECOND TERM—French: Hernani—Hugo, 3 hours.

German: Der Katzensteg—Sudermann, 3 hours.

History: Mediæval Period, 3 hours.

English: English Literature from 449 A. D. to death of Chaucer, 3 hours.

Science: Physics, with laboratory, 5 hours.

THIRD TERM—French: Fifty Fables of La Fontaine, oral and written exercises, 5 hours.

German: Zopf und Schwert—Gutzkow, and oral and written exercises, 5 hours.

Science: Physics, with laboratory, 5 hours.

English: English Literature, Elizabethan Age, 3 hours.

JUNIOR YEAR

FIRST TERM—Science: Psychology, 5 hours.

Science: Chemistry, with laboratory, 5 hours.

English: English Literature, Elizabethan and Puritan Age, 3 hours.

Science: Biology, 5 hours.

SECOND TERM—Science: Psychology, 5 hours.

Science: Chemistry, with laboratory, 5 hours.

Science: Biology, with laboratory, 3 hours.

The Bible: Old Testament, 3 hours.

English: English Literature, Age of Classicism and of Romanticism, 3 hours.

THIRD TERM—History: Constitutional History of the United States, 5 hours.

The Bible: Old Testament, 3 hours.

Science: Biology, with laboratory, 5 hours.

English: Literary Criticism, Essays and Theses, 5 hours.

SENIOR YEAR

FIRST TERM—English: American Authors, 3 hours.

Science: Geology, 5 hours.

Philosophy: History of Philosophy, 3 hours.

Philosophy: Political Economy, 5 hours.

The Bible: New Testament, 3 hours.

SECOND TERM—English: 19th Century English Authors, 3 hours.

Philosophy: Metaphysics, 3 hours.

Political Science, 5 hours.

Philosophy: Ethics, 3 hours.

Science: Astronomy, 5 hours.

THIRD TERM—Logic: 5 hours.

English: 19th Century English Authors, 3 hours.

English: History of Art, 5 hours.

International Law, 5 hours.

The substituting of Latin and Greek for French and German, or Latin or Greek for French or German, is permitted when the student has acquired a good working knowledge of French and German. Credits are not allowed on linguistic studies pursued for less than one year. Sixteen hours are required for the Freshman and Sophomore years and seventeen hours in the Junior and Senior years. Approved students may take twenty hours' work.

Forty-two full credits are required in the preceding course, or 210 hours. A full credit means three months' work (daily recitations) in any subject or branch.

SYNOPSIS OF THE SCIENTIFIC COURSE

FRESHMAN YEAR

FIRST TERM—Mathematics: Plane Trigonometry, 5 hours.

Latin: Livy, 5 hours.

English: Advanced Rhetoric, the study of style, 3 hours.

German: Hermann und Dorothea—Goethe, 3 hours.

SECOND TERM—Mathematics: College Algebra, 5 hours.

Latin: Composition, 3 hours.

Latin: Quintilian, 2 hours.

German: Composition, 3 hours.

English: Advanced Rhetoric, The Study of Style, 3 hours.

THIRD TERM—Mathematics: Surveying, with field work, 5 hours.

Latin: Cicero de Senectute et de Amicitia, 5 hours.

German: Deutsche Literaturgeschichte and Conversation
Studies, 5 hours.

English: Analytics of English, 3 hours.

SOPHOMORE YEAR

FIRST TERM—Mathematics: Analytical Geometry, 5 hours.

Latin: Terence, 3 hours.

English: Analytics of English, 2 hours.

History: England, 3 hours.

German: Maria Stuart—Schiller, and Composition, 5 hours.

SECOND TERM—Mathematics: Calculus, 5 hours.

Latin: Tacitus 3 hours.

History: Mediæval Period, 3 hours.

Science: Physics, with laboratory, 5 hours.

German: Der Katzensteg—Sudermann, 3 hours.

THIRD TERM—Mathematics: Calculus, 5 hours.

Science: Physics, with laboratory, 5 hours.

English: English Literature, Elizabethan Age, 3 hours.

German: Zopf und Schwert—Gutzkow, and oral and written
exercises, 5 hours.

JUNIOR YEAR

FIRST TERM—Science: Chemistry, with laboratory, 5 hours.

Science: Psychology, 4 hours.

Science: Biology 5 hours.

English: English Literature, Elizabethan and Puritan Age, 3
hours.

SECOND TERM—Science: Chemistry, with laboratory, 5 hours.

Science: Biology, with laboratory, 3 hours.

Science: Psychology, 5 hours.

English: English Literature, Age of Classicism and of Romanticism, 3 hours.

The Bible: Old Testament, 3 hours.

THIRD TERM—Science: Chemistry, with laboratory, 5 hours.

History: Constitutional History of the United States, 5 hours.

Science: Biology, with laboratory, 5 hours.

The Bible: Old Testament, 3 hours.

SENIOR YEAR

FIRST TERM—English: American Authors, 3 hours.

Science: Geology, 5 hours.

Philosophy: History of Philosophy, 3 hours.

Philosophy: Political Economy, 5 hours.

The Bible: New Testament, 3 hours.

Mechanical Draughting (elective), 3 hours.

SECOND TERM—English: 19th Century English Authors, 3 hours.

Philosophy: Metaphysics, 3 hours.

Political Science, 5 hours.

Philosophy: Ethics, 3 hours.

Science: Astronomy, 5 hours.

Mechanical Draughting (elective), 3 hours.

THIRD TERM—Logic, 5 hours.

English: 19th Century English Authors, 3 hours.

English: History of Art, 5 hours.

International Law, 5 hours.

Mechanical Draughting (elective), 3 hours.

Candidates for the degree of Bachelor of Science may substitute French for Latin. All the Mathematics and all the Sciences prescribed are necessary for this degree, unless a substitution is permitted in special cases by the Faculty. Elections from the department of Mechanical and Civil Engineering may also be made by permission of the Faculty, so far as these elections do not interfere with the required work in Mathematics and the Sciences. The minimum in English is nine terms of not less than three hours a week. Sixteen hours are required in the Freshman and Sophomore years and seventeen hours in the Junior and Senior years. Approved students may be permitted to take twenty hours' work.

Forty-two full credits are required in the preceding course, or 210 hours. A full credit means three months' work (daily recitations) in any subject or branch.

The above work and the splendid equipment will prove very helpful to the large number of students who are preparing to teach the Sciences, and especially such branches as Physics, Chemistry, Biology and the like.

Under the direction of the faculty very important deviations from the published courses will be permitted, by which the language work can be minimized in the interests of more work in Physics and Chemistry. The next catalogue will contain a more specific statement in regard to these changes.

SYNOPSIS OF THE PHILOSOPHICAL COURSE

FRESHMAN YEAR

FIRST TERM—Mathematics: Plane Trigonometry, 5 hours.

Latin: Livy, 5 hours.

Greek: Thucydides, 3 hours.

English: Advanced Rhetoric, The Study of Style, 3 hours.

French: L'Ancien Regime—Taine, and Composition, 5 hours.

German: Hermann und Dorothea—Goethe, 3 hours.

SECOND TERM—Mathematics: College Algebra, 5 hours.

Latin: Composition, 3 hours.

Latin: Quintilian, 2 hours.

Greek: New Testament Greek, 3 hours.

English: Advanced Rhetoric, The Study of Style, 3 hours.

French: Histoire de la Litterature Francaise, 3 hours.

French: Exercises in Colloquial French, 2 hours.

German: Composition, 3 hours.

THIRD TERM—Mathematics: Surveying, with field work, 5 hours.

Latin: Cicero de Senectute et de Amicitia, 5 hours.

Greek: Composition, 3 hours.

Greek: Herodotus, 2 hours.

English: Analytics of English, 3 hours.

French: Le Cid—Corneille, and Conversation Studies, 5 hours.

German: Deutsche Litteraturgeschichte and Conversation Studies, 5 hours.

SOPHOMORE YEAR

FIRST TERM—Mathematics: Analytical Geometry, 5 hours.

Latin: Terence, 3 hours.

History: England, 3 hours.

English: Analytics of English, 2 hours.

Greek: Plato, 5 hours.

French: Le Pays de France—Foncin, 3 hours.

German: Maria Stuart—Schiller, and Composition, 5 hours.

SECOND TERM—Latin: Tacitus, 3 hours.

Greek: Demosthenes de Corona, 3 hours.

History: Mediaeval Period, 3 hours.

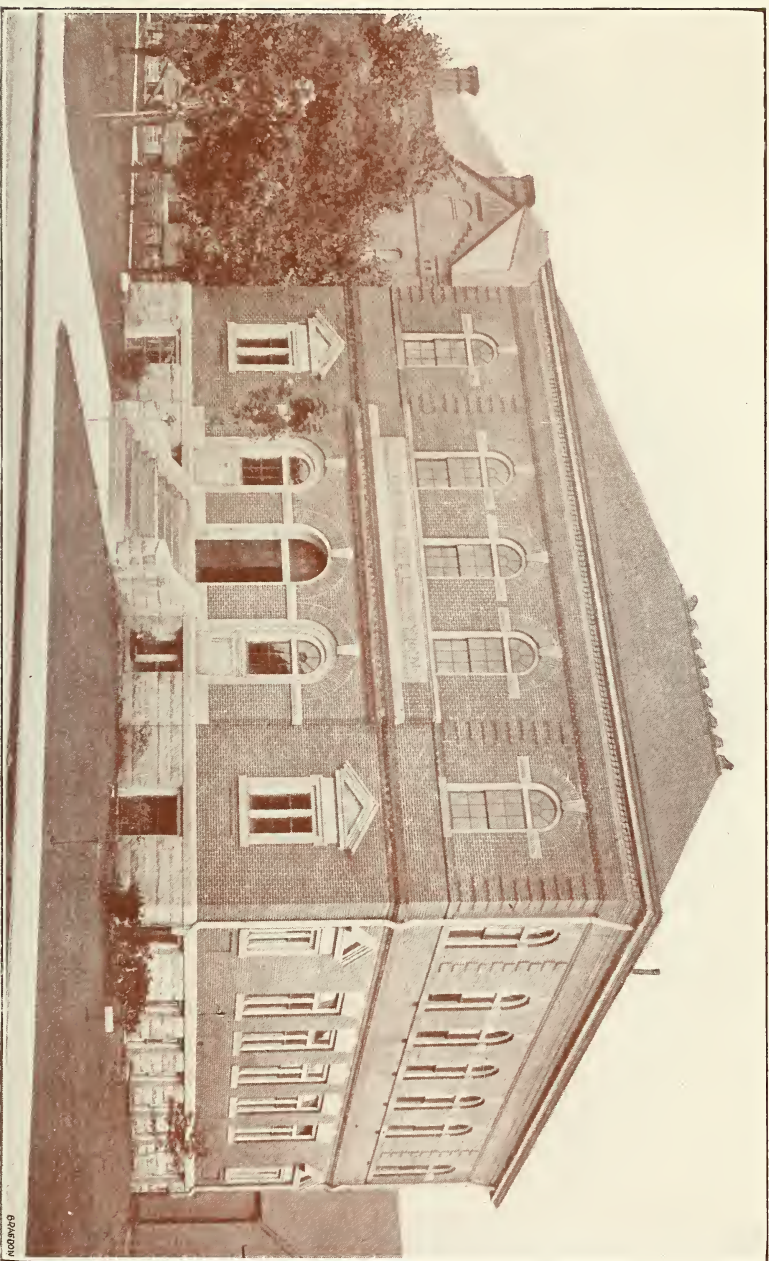
English: English Literature from 449 A. D. to death of Chaucer, 3 hours.

Science: Physics, with laboratory, 5 hours.

French: Hernani—Hugo, 3 hours.

German: Der Katzensteg—Sudermann, 3 hours.

Mathematics: Calculus, 5 hours.



CARNEGIE LIBRARY—GIFT TO THE COLLEGE FROM ANDREW CARNEGIE

THIRD TERM—Greek: The Drama, Aeschylus, 3 hours.

Greek: Odes of Pindar, 2 hours.

Latin: Horace, 5 hours.

Science: Physics, with laboratory, 5 hours.

English: English Literature, Elizabethan Age, 3 hours.

French: Fifty Fables of La Fontaine, oral and written exercises, 5 hours.

German: Zopf und Schwert—Gutzkow, and oral and written exercises, 5 hours.

JUNIOR YEAR

FIRST TERM—Science: Psychology, 5 hours.

Science: Chemistry, with laboratory, 5 hours.

English: English Literature, Elizabethan and Puritan Age, 3 hours-

Science: Biology, 5 hours.

Greek: The Drama, The Antigone, Sophocles, 2 hours.

SECOND TERM—Science: Psychology, 5 hours.

Science: Chemistry, with laboratory, 5 hours.

Science: Biology, with laboratory, 3 hours.

The Bible: Old Testament, 3 hours.

English: English Literature, Age of Classicism and of Romanticism, 3 hours.

THIRD TERM—History: Constitutional History of the United States, 5 hours.

The Bible: Old Testament, 3 hours.

Science: Biology, with laboratory, 5 hours.

English: Literary Criticism, Essays and Theses, 5 hours.

Science: Chemistry, with laboratory, 5 hours.

SENIOR YEAR

FIRST TERM—English: American Authors, 3 hours.

Science: Geology, 5 hours.

Philosophy: History of Philosophy, 3 hours.

Philosophy: Political Economy, 5 hours.

The Bible: New Testament, 3 hours.

Mechanical Draughting (elective), 3 hours.

SECOND TERM—English: 19th Century English Authors, 3 hours.

Philosophy: Metaphysics, 3 hours.

Political Science, 5 hours.

Philosophy: Ethics, 3 hours.

Science: Astronomy, 5 hours.

Mechanical Draughting (elective), 3 hours.

THIRD TERM—Logic, 5 hours.

English: 19th Century English Authors, 3 hours.

English: History of Art, 5 hours.

International Law, 5 hours.

Mechanical Draughting (elective), 3 hours.

The minimum requirement in English is nine terms of not less than three hours a week ; in Mathematics, with the Preparatory work, Plane Trigonometry and Surveying or College Algebra. The student in this course must elect two linguistic studies other than English, and in addition to the Preparatory requirements in these two languages, continue them in the Collegiate department until he has, in the judgment of the Faculty, a good working knowledge of these two linguistic branches.

Sixteen hours are required in the Freshman and Sophomore years and seventeen hours in the Junior and Senior years. Approved students may carry twenty hours' work.

Forty-two full credits are required in the preceding course, or 210 hours. A full credit means three months' work (daily recitations) in any subject or branch.

SYNOPSIS OF THE MECHANICAL ENGINEERING COURSE

FRESHMAN YEAR

FIRST TERM—Mathematics: Plane Trigonometry, 5 hours.

German, 3 hours.

French, 5 hours.

English: Advanced Rhetoric, The Study of Style, 3 hours.

Drawing (Free Hand), 3 hours.

SECOND TERM—Mathematics: College Algebra, 5 hours.

French, 5 hours.

German, 3 hours.

English: Advanced Rhetoric, The Study of Style, 3 hours.

Drawing (Free Hand), 3 hours.

THIRD TERM—Mathematics: Surveying, with field work, 5 hours.

German, 5 hours.

French, 5 hours.

Drawing, 3 hours.

SOPHOMORE YEAR

FIRST TERM—Mathematics: Analytical Geometry, 5 hours.

Science: Physics, Elementary, Mechanics and Heat, with laboratory, 5 hours.

French, 3 hours.

German, 5 hours.

Mechanical Draughting, 3 hours.

SECOND TERM—Mathematics: Differential Calculus, 5 hours.

Science: Physics, Magnetism and Electricity, with laboratory, 5 hours.

French, 3 hours.

German, 3 hours.

Mechanical Draughting, 3 hours.

THIRD TERM—Mathematics: Calculus, Integral, 5 hours.

Science: Physics, Sound and Light, with laboratory, 5 hours.

French, 3 hours.

Science: Elements of Chemistry, 3 hours.

Mechanical Draughting, 3 hours.

JUNIOR YEAR

FIRST TERM—Mathematics: Surveying and Land Plotting, 3 hours.

Science: Chemistry, Qualitative Analysis, 5 hours.

Mechanics, with laboratory, 5 hours.

Mechanics of Machinery, 5 hours.

Mechanical Draughting, 2 hours.

SECOND TERM—Mathematics: Descriptive Geometry, 3 hours.
Science: Chemistry, Quantitative Analysis, 5 hours.
Mechanics, with laboratory, 3 hours.
Mechanics of Machinery, 3 hours.
Machine Designing, 3 hours.

THIRD TERM—Mathematics: Descriptive Geometry, 3 hours.
Science: Chemistry, Quantitative Analysis, 5 hours.
Science: Biology, with laboratory, 5 hours.
Strength of Materials, 2 hours.
Machine Designing, 3 hours.

*SENIOR YEAR

FIRST TERM—English: American Authors, 3 hours.
Science: Geology, 5 hours.
Philosophy: History of Philosophy, 3 hours.
Philosophy: Political Economy, 5 hours.
The Bible: New Testament, 3 hours.
Mechanical Draughting (elective), 3 hours.

SECOND TERM—English: 19th Century English Authors, 3 hours.
Philosophy: Metaphysics, 3 hours.
Political Science, 5 hours.
Philosophy: Ethics, 3 hours.
Science: Astronomy, 5 hours.
Mechanical Draughting (elective), 3 hours.

THIRD TERM—Logic, 5 hours.
English: 19th Century English Authors, 3 hours.
English: History of Art, 5 hours.
International Law, 5 hours.
Mechanical Draughting (elective), 3 hours.

Those who wish more work particularly along the lines of Civil Engineering are permitted to elect the distinctive subjects in Civil Engineering, such as Descriptive Geometry, Land Plotting, Land Leveling, Topographical Surveying and Topographical Drawing, Studies in Roofs and Bridges, Sanitary Engineering, Bridge Designing, etc.

*Students in this department will be permitted to take their Senior year at Cornell University or other approved institutions where the largest facilities are provided for the instruction and equipment of Mechanical students, and will be graduated with their class from this College, receiving on graduation the degree of Bachelor of Science. In all such cases it is recommended that the student take shop work during the Summer preceding his Senior year, either at the University or in approved public works, where he may receive practical experience. Those who do not care to select a year's work in some other institution can take the prescribed Senior work in this College.

ENGINEERING WORK

Attention is invited to the course of instruction for students of Mechanical Engineering and to the scheme of work we offer, as well as the possibility of taking a college degree in this work after devoting the Senior year to the subject in institutions like Cornell University, etc.

A special demand has been made for a clearer statement of the work done in Engineering at this institution, and we herewith give a general outline of the work we provide.

OUTLINE

During the Spring, Summer and Fall terms the following elementary work is always available: The Theory of Surveying and dividing land, the laying out of town lots, grading and street paving, construction of sewers, location of railway curves and railway tunnels, topographical surveying, etc., with the use of transit and level to enable the student to comprehend these subjects. Five hours per week.

ADVANCED FIELD WORK, SPRING AND FALL TERMS

First Week—Chain and tape surveying, measurement of lines and angles, construction of parallels and perpendiculars, determination of areas. Equipment used, chain, tape, pins, ranging rods, stakes and axes.

Second Week—Measurement of angles, measurement of inaccessible lines, construction of parallels and perpendiculars, adjustments of transit. Equipment same as above with the addition of the transit.

Third Week—The location of points by rectangular, focal and polar co-ordinates; also by intersection, resection and diagonal intersection. Same equipment.

Fifth Week—The survey of a tract of land ten or twelve sides by rectangular method, using the needle, and without using the needle. The survey of a tract of land bounded on one or more sides by a stream. Actual farm survey. Same equipment.

Sixth Week—Construction of the regular polygon. The partition of land.

Seventh Week—The partition of land.

Eighth Week—Survey for a lateral sewer, for a sewerage system. Superintendence of construction of sewers. Equipment same as above, and level.

Ninth Week—Preliminary survey for street paving, location of grade lines and curb lines. Same equipment.

Tenth Week—Location of railway curves. Survey of and determination of radii of railway curves and the grades on the same. The location of a tunnel, line entering and leaving the hill on level track. Same with the track on a given grade.

Eleventh Week—Underground surveys in local coal mines.

Twelfth Week—Topographical Surveying. The lectures, two hours per week, will be on subjects connected with the week's work in the field. All surveys made in field will be mapped in the draughting rooms, also all profiles and cross sections.

In the foregoing course the time is distributed as follows: Lectures, two hours per week; Field Work, 12 hours per week; Draughting, 6 hours per week.

Term fee for the above advanced work, Spring and Fall Terms, is \$10.00. This is required of all in the Engineering Corps.

POST GRADUATE DEPARTMENT

COURSE A—STUDIES IN PHILOSOPHY

FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

Matriculates must present evidence of sufficient scholarship to pursue with credit the course adopted. A Bachelor's diploma from this institution or any other regularly chartered college will be accepted as such evidence. Any scholar who can satisfy the Faculty that he has acquired by independent study an equivalent culture will be permitted to matriculate.

The matriculation fee is \$10. This must invariably accompany the application for enrollment as an evidence of a fixed purpose and good faith; \$20 will cover the cost of final examination and degree, and \$10 the cost of diploma.

Matriculates in this department must spend at least one Summer term at the College, taking the lectures provided in Post Graduate work. The remaining work can be done in absentia. This will greatly lighten the course to matriculates, and will render the subsequent reading much less burdensome and also much more satisfactory.

FIRST YEAR—PREPARATORY STUDY*

Psychology: Baldwin's Senses and Intellect; Chas. Scribner's Sons.

Psychology: Baldwin's The Feelings and the Will; Chas. Scribner's Sons.

Psychology: Baldwin's Social and Ethical Interpretations; Chas. Scribner's Sons:

Logic: Jevon's, edited by J. D. Hill; Sheldon & Co.

History of Philosophy, Ancient and Modern Schwegler; D. Appleton & Co.

SECOND YEAR

History of Ancient Philosophy: Uberweg, Vol I; or Windleband; Chas. Scribner's Sons.

Logic: any approved author.

Ethics: D'Arcy; MacMillan & Co.

Life of Kant: Paulsen; MacMillan & Co.

Critique of Pure Reason: Kant; Bohn's Classical Library.

Theory of Thought and Knowledge: Bowne; American Book Co.
Metaphysics: Bowne; American Book Co.

The foregoing studies are all required in our Collegiate Courses of Study, and these or their equivalents are required of all who, as alumni of other colleges, matriculate in the Post Graduate Course in Philosophy here.

For General Reading and Reference: Locke's Essay Concerning the Human Understanding; Bohn's Classical Library; Plato's Dialogues, four volumes, Jowett, Chas. Scribner's Sons; Greek Philosophy, Zeller, Henry Holt & Co.; Biographical History of Philosophy, G. H. Lewes, Vol. I, D. Appleton & Co.

THIRD YEAR

Plato's Phædo and Republic: Jowett; Chas. Scribner's Sons.

Persistent Problems of Philosophy: Calkins; MacMillan & Co.

Kant's Prolegomena to Every System of Metaphysics; Open Court Publishing Co.

Concepts of Philosophy: Ormond; Chas. Scribner's Sons.

The Doctrine of Reality: Ladd; Chas. Scribner's Sons.

Personalism: Bowne; Houghton, Mifflin & Co.

Theism: Bowne; American Book Co.

Special expositions of the Schools of Kant, Fichte, Schelling, Hegel, Herbart, Schopenhaur, and Lotz; these expositions to be made from study of the authors directly or from leading works on the History of Philosophy.

For General Reading and Reference. History of Modern Philosophy, G. H. Lewes, Vol. II, D. Appleton & Co.; The Scottish Philosophy, McCosh, Carters; The Self-Revelation of God, Harris, Chas. Scribner's Sons; Microcosmus, Lotz, Vols. I and II; Janet's Final Causes, Chas. Scribner's Sons.

College graduates desiring to study for the degree of Doctor of Philosophy will find the changes made in the requirements much to their advantage, as the work can be much more easily accomplished under the personal direction of the President and other instructors employed by the College at this season of the year. This is very much preferable to pursuing the work in absentia. The tuition for all such students is the regular College fees, additional to the special fees of the Post Graduate department.

COURSE B—POLITICAL AND SOCIAL SCIENCE

FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

Preparatory Reading: History of Greece, History of Rome, History of England, History of Civilization—Guyzot; Elements of Political Economy.



MUSIC HALL



COLLEGE ENTRANCE

FIRST YEAR

Ancient Law: Maine; Henry Holt & Co., New York City.

Constitutional History of England: Taswell-Langmead; Houghton, Mifflin & Co.

Contemporary Socialism: Rae; Chas. Scribner's Sons, New York City.

History of the Formation of the Constitution: Bancroft; D. Appleton & Co.

American Commonwealth: Bryce; MacMillan & Co., New York City.

SECOND YEAR

The Nation: Mulford; Houghton, Mifflin & Co., Boston.

The Police Power: Freund; Callaghan & Co., Chicago.

Wealth of Nations: Smith.

Civil Liberty: Lieber; Lippincott, Philadelphia.

Political Science and Constitutional Law: Burgess; Ginn & Co.

THIRD YEAR

Political Economy: Seligmond; Longmans, Green & Co., New York.

Jurisprudence: Holland; Clarendon Press.

The Financial History of the United States: Dewey; Longmans, Green & Co., New York.

American Railway Legislation: Johnston; D. Appleton & Co.

Emigration and Immigration: Smith; Chas. Scribner's Sons.

International Law: Lawrence; Chas. Scribner's Sons.

Examiner for Course B, Rev. F. W. Hays, Ph. D., D. D.

This course may be pursued by non-resident students, with the exception of one Summer term which must be done at the College under distinguished philosophers employed to give his work. The back bone of the course can be broken practically by one Summer's work under these conditions. The time for graduation can be greatly lessened, and the subsequent reading required will prove very much more easy and also much more satisfactory to the student.

For further information address the President.

CONSERVATORY OF MUSIC

The Department of Music, under the directorship of Herr Hermann Poehlmann, late professor in the Royal Conservatory, Dresden, Saxony, has for many years been a deservedly popular department of the College. The courses of study provided are recognized by all capable of judging as the most approved of music schools generally. The high standard maintained in both instrumental and vocal music has brought the department into high repute among educated musicians. It has long been our ambition to afford facilities for instruction in music equal to those found in the larger Eastern schools. We confidently affirm that so far as the matter of instruction is concerned students have as good advantages for a musical education in Grove City College as in the very best conservatories of music.

The inexpensiveness of boarding, the comparatively low rates of tuition, the healthful and moral tone of the community, the stimulus incident to association with young men and women earnestly pursuing literary courses of study, together with the opportunity of taking studies in the Sciences, the Languages and the Arts, make this place a most desirable one for those wishing to secure a thorough musical education.

Herr Hermann Poehlmann, for several years professor of Piano and Voice, Forms and Teachers' Instruction, in the Royal Conservatory of Dresden, Saxony, was employed as head Piano Master and Voice instructor at the beginning of the year '93 and '94 in the Music Department of this institution. He was a pupil of J. Nicode, Dr. Wuellner, E. Krantz, Prof. G. Scharfe and other eminent musicians, and was, for marked abilities, appointed a professor in the Royal Conservatory of Dresden. Dr. Poehlmann occupied this position until 1893, when he resigned to accept the charge of this department in Grove City College. His acquaintance with almost every orchestra instrument, playing for several years the cornet, and later the violin, in the Royal Orchestra of Dresden, and his great experience as a leader of chorus societies and orchestra,

enables him to direct successfully any and every department of a music conservatory.

Dr. Poehlmann is assisted by other teachers especially qualified for the different departments of work in the conservatory. We speak with confidence when we say that the Music Department is in charge of a Faculty not only qualified for the work, but abreast of the very best methods. Students receive the most careful attention in the prosecution of their studies.

The Department of Music in this institution needs no special commendation. The high character of the work done has won for it the approbation of educated musicians generally. Prof. Poehlmann is regarded by all competent to judge as high authority in voice. He is a thorough master in voice culture, as well as a musician of varied and high attainments.

Herr Gustav Mehner, also a recent professor in the Royal Conservatory of Dresden, Saxony, was employed in August, 1900, as Professor of Piano, Pipe Organ, Harmony, Counterpoint and Fugue. Prof. Mehner is an artist of high standing, and his work in the College has already won for him golden opinions. Before becoming a professor in the Royal Conservatory of Dresden, he was a student of Dr. G. Tyson-Wolff, Dr. F. Draesake, and Prof. Percy Sherwood, all noted European musicians. In addition to Prof. Mehner's other work at Dresden he gave four years to the study of Pipe Organ under the most approved instructors, and is fully equipped for the instruction of Organ students.

Miss Jennie Glenn, the assistant in Piano and instructor in Elements of Music, Music Dictation, and accompanist, has been associated with Dr. Poehlmann since he began his work in this College and is thoroughly competent to teach the prescribed methods. Being a fine pianist, she is able to exemplify to the students under her instruction correct principles of piano technique and to inspire them with the highest ideals.

GRADUATION

Each student is required to attend at least two years in succession in order to graduate. Diplomas or certificates are given after the successful completion of any one of the courses pre-

scribed in the various departments. They are conferred on those only who complete a full course and have attended the department at least three years. Those who have attained the Teachers' Diploma in Piano, Voice, Violin, Theory or Pedagogy, are then prepared to do advanced work and may secure diplomas in courses of study which will prepare them for independent development as pianists, violinists or soloists.

Diplomas or certificates will be given:

a. *For ability as teacher of piano*, to students of the Piano-Seminar who have shown remarkable aptness in teaching, have had for one year at least a class in theoretical piano instruction, one year supervised piano instruction (giving of instruction to children under care of the Professor), have reached studies by Cramer, and have had at least one year in History and two years' work in Harmony and Forms of Music. According to the higher or lower ability in piano playing, different degrees are given, such as, for teaching beginning grade, and for teaching lower and advanced middle grades, and for teaching lower and advanced higher grades.

b. *Fitness for independent development as a pianist*, to such piano players as have reached the Seventh Grade in the Piano Course, have studied Counterpoint two years, and have shown such a thorough grasp of the subject that their future development may, without risk, be left to themselves.

c. *For distinguished ability as a pianist*, to such piano players as have reached the Eighth Grade of the Piano Course, have completed the work in counterpoint, and have arrived at a high degree of proficiency in execution.

d. *For ability as a teacher of vocal music*, to students of the Voice-Seminar who have shown especial aptness in training the voice, have reached the Sixth Grade in the Voice Course and Piano, and have had two years' work in Music Theory.

e. *Fitness for independent development as concert singer*, to students of voice culture who have reached the Seventh Grade of the Voice Course, the Fourth Grade in the Piano Course, have had two years' work in Music Theory, and have arrived at such a degree of proficiency in the use of the voice and such

understanding of the vocal principles and methods that their future development may, without risk, be left to themselves.

f. For distinguished ability as concert singer, to students of voice culture who have finished the Seventh Grade of the Voice Course and have reached the Fourth Grade of the Piano Course, have had two years' work in Music Theory, and have acquitted themselves with high credit before the public.

g. For ability as opera singer, to students of voice culture whose voices have been developed in the technique necessary for opera singing and have attained such a degree of proficiency that the artistic rendering of the most difficult dramatic passages is satisfactorily accomplished, and who have particularly attained accuracy in ensemble and have given evidence of unusual dramatic power.

h. For ability as teacher of violin, to students of the Violin-Seminar who have reached the Fourth Grade in the Violin Course, the Third Grade in the Piano Course, and have had two year's work in Music Theory.

i. Fitness for independent development as violinist, to such as have finished the Fourth Grade in the Violin Course, have reached the Fourth Grade in the Piano Course, and have had two years' work in Music Theory.

j. For ability as solo or concert violinists.

k. For ability as teacher of music theory, to students of Music Theory who have attained extensive knowledge of Harmony, and have shown special aptness in all their studies in the theory of music and have reached the Sixth Grade in the Piano Course.

Certificates of Dismissal are given after one year's attendance to such as take a single study in any one course.

Diplomas of distinction will be awarded as an acknowledgment of superior talent, eminent, application and marked faithfulness to only such as have completed a full course.

Through the courtesy of Mrs. Lucretia M. Martin, Pittsburgh, Pa., a substantial prize has been provided for the student showing the greatest improvement and manifesting the greatest devotion. The prize for 1909 was divided equally between

Mrs. Ida Barlett, Braddock, Pa., and Miss Hazel Hurlbert, Westford, Pa.

As most of the students will teach later, special care is taken to train pupils for the profession of teaching Piano, Voice and Harmony. The course provided along these lines is the most complete that can be given.

RECITATIONS

At the least two recitations are required weekly in all the leading studies of any course. The work in voice contemplates a lesson daily for at least the first four weeks, later three lessons each week, and for the last month of the term two lessons each week. Beginners in Piano also receive lessons daily for the first month, or until the pupil does not need the personal supervision of a teacher, then three lessons each week, and for the last month of the term at least two lessons each week. In Harmony the Students recite daily in all beginning classes; in the advanced classes they receive three lessons and two lessons weekly, according to their advancement. Classes in Teachers' Instruction and in Forms recite three times a week. In Music Dictation beginning classes recite daily, advanced classes three and two times a week. Chorus, Ensemble and Music History recite once or twice a week.

Special attention is called to the fact that almost twice as much instruction is given for the tuition paid as at any other college or music school. It has been found especially beneficial for beginners to recite daily, or at least from three to four times a week, in such leading subjects as Piano, Voice, Harmony, etc. We confidently believe that this departure is very much to the advantage of the students of the Music Department.

COURSES OF STUDY

PIANO—Piano.

Elements of Music.
Harmony.
Musical Forms and Analysis.
Counterpoint.
Music History.
Ensemble.
Chorus.

VOICE—Voice.

Piano.
Elements of Music.
Harmony.
Musical Forms (Lectures).
Music History.
Ensemble.
Declamation.

Music Dictation.

VIOLIN—Violin.

Piano.

Elements of Music.

Harmony.

Counterpoint.

History.

Musical Forms (Lectures).

Ensemble.

Chorus.

Music Dictation.

PIANO—SEMINAR—Piano.

Theory of Piano Instruction (Lectures), two years.

Supervised Piano Instruction, one year.

Elements of Music.

Harmony.

Counterpoint.

(Composition.)

Musical Forms (Lectures).

Ensemble.

Chorus.

Music Dictation.

VOICE (OPERA)—Voice.

Interpretation of Opera.

Dramatic Rendition.

Elements of Music.

Harmony.

French and German.

VOICE (OPERA)—Voice.

Musical Forms (Lectures).

Music History.

Ensemble.

Chorus.

Music Dictation.

French and German.

Music Dictation.

MUSIC THEORY—Elements of Music.

Harmony.

Counterpoint.

Musical Forms.

Composition.

Piano.

Music History.

Chorus.

Music Dictation.

VOICE—SEMINAR—Voice.

Theory of Voice Culture.

Supervised Voice Culture Instruction, one year.

Elements of Music.

Harmony.

Piano.

Counterpoint.

Musical Forms (Lectures).

Ensemble.

Chorus.

Declamation.

Music Dictation.

VIOLIN—SEMINAR—Violin.

Supervised Violin Instruction.

Piano.

Elements of Music.

Harmony.

Counterpoint.

VIOLIN—SEMINAR—Violin.

Musical Forms (Lectures).

Music History.

Ensemble.

Chorus.

Music Dictation.

PIANO DEPARTMENT

PIECES AND STUDIES

BEGINNING GRADE

STUDIES

Grade 1—

Technical Exercises (Vetter).

PIECES

Grade 1—

Little Folks', Germer, Op.

Tappert.

Doering, op. 44, book 1.

Koehler, op. 151.

Doering, op. 76, book 1

Doering, op. 45, book 1.

Grade 2—

Doering, op. 44, book 2.

Doering, op. 45, book 2.

Doering, op. 76, books 2 and 3.

Germer, op. 36, books 1 and 2.

Loeschorn, op. 65, books 1 and 2.

Gurlitt, op. 82.

Grade 3—

Doering, op. 8, book 1; op. 33, book 1.

Doering, op. 166, books 1 and 3.

Czerny, op. 299 (Germer), books 1
and 2, or Behrens, op. 68.

Germer, op. 37, books 1 and 3.

Heller (Germer).

Germer, op. 35, books 1 and 2 (Poly-
phony).

Bach, preludes.

Grade 4—

Huenten, op. 30, op. 80.

Doering, op. 8, book 2.

Czerny, op. 299, book 3.

Bertini, op. 29 and 32.

Heller or Schytte, op. 106.

Bach, Inventions (two voices).

Czerny, op. 834, op. 92 (toccata).

Grade 5—

Cramer, book 1 (Germer).

Behrens, op. 61, books 3 and 4.

Czerny, op. 299, book 4.

Czerny, op. 740.

Loeschorn, op. 67, book 1.

Heller, op. 16.

Jensen, op. 32, books 1 and 2.

Haberier, op. 53.

Bach, Suitsen French.

Doering, op. 33, book 2, op. 30.

Doering, op. 24, 25, octaves.

Reinecke, op. 54, Krause, op. 25.

Lichner, "Little Leaves and Flowers."

Gurlitt, "Album Leaves for the Young."

Schumann, op. 68, No. 1-6.

Reinecke, op. 107, book 1.

Grade 2—

Sonatinalbum, by Germer.

Matthews' Introduction.

Reinecke, op. 107, book 2; op. 47, No. 1.

Riemann, op. 48.

Kullak, op. 61 and 82.

Wilm, op. 81, book 1.

Grade 3—

Mozart and Heydn Sonatas, easy ones.

Beethoven var., easy ones.

Mozart, Rondo, D.

Mozart, var., E.

Hummel, op. 122, op. 55.

Schumann, op. 68.

Beethoven, op. 49, op. 51.

Grade 4—

Mendelssohn Song (Germer).

Mendelssohn, op. 72.

Clementi Sonatas, op. 26, 39, and 24.

Moscheles, op. 18.

Field, nocturnos.

Gade, op. 19, books 1 and 2.

Heller, op. 138, books 1 and 4.

Schubert, Landler, allegretto C Minor,
Two Scherzi.

MIDDLE GRADE

Grade 5—

Beethoven, Bagat, op. 119.

Beethoven, op. 33.

Beethoven, op. 126.

Mozart, Heydn, Clementi Sonatas.

Mendelssohn Songs.

Raff, op. 75, Jensen, op. 17.

Schumann, op. 124, op. 99, op. 68.

Schubert, op. 94, op. 90.

Grieg, op. 14, op. 30, op. 6, op. 12.

Kirchner, op. 7, op. 9, op. 2.

Rubenstein, Nevin, Ravina.

Doering, op. 46, double notes.

Grade 6—

Cramer, books 2 and 3.

Czerny, op. 740.

Czerny, op. 337, 40 daily studies.

Clementi, Gradus ad Parnassum, 16 studies, by Germer.

Jensen, op. 32, book 3.

Doering, op. 33, book 3.

Bach, Inventions (3 voices).

Bach, Suitsen English.

Bach, well-tempered clavicord.

Czerny, op. 335.

Kullak, octave studies.

Grade 7—

Tausig, daily studies.

Clementi, Gradus.

Bach, Concerto in Italian style.

Bach, well-tempered clavicord.

Chopin, preludes, op. 28.

Heller, op. 81.

Moscheles, op. 70 and op. 43.

Mueller, Capricen, op. 31, 34, 47, 29.

Grade 8—

Czerny, op. 365, Virtuous School.

Henselt, op. 2, 5 and 13.

Clementi, Gradus.

Bach, fugues.

Moscheles, op. 95 and 51.

Schumann, op. 3, 10 and 13.

Chopin, op. 10, 25 and 28.

Rubenstein, op. 23 and 81.

Sant-Saens, op. 52.

Liszt, Etudes, Transcendentals.

Henselt, Weber, Moscheles.

Grade 6—

Beethoven Sonatas.

Mozart, Heydn, Weber, Cleusati.

Schubert Sonatas.

Schumann, op. 15, 82, 28.

Chopin, op. 28, preludes.

Chopin, nocturnos.

Chopin, mazurkas.

Chopin, waltzes.

Jensen, op. 43, 44, op. 2.

Heller, op. 92, 83.

Gade, op. 34, 36, 41.

Mendelssohn, op. 15, 16, 5, 7, 28, 33.

HIGHER GRADE

Grade 7—

Weber selected compositions.

Brahms, op. 10 and op. 27.

Beethoven, variations.

Raff, op. 91.

Rubenstein, op. 51.

Scharwenka, op. 8.

Sant-Saens, op. 23.

Concertos, by Hummel, Dussek, Field, Mozart, Weber and Beethoven.

Grade 8—

Beethoven, Latter Sonatas.

Brahms, op. 1, 2 and 5.

Chopin, op. 37, 22, 53, etc.

Schumann, op. 6, 9, 17 and 10.

Mendelssohn, op. 54.

Moskowski, op. 14.

Scharwenka, op. 6.

Schubert, op. 53, 78, 143.

Concertos, by Beethoven, Schubert, Handel, Schumann, Bach, Chopin, Brahms, Liszt, etc.

VIOLIN DEPARTMENT

STUDIES

Wohlfahrt, op. 451, op. 551, op. 92.

Schroeder, op. 5.

David, op. 441.

Horn. Exercises, book 1.

Kaiser, op. 20, book 1.

Herig, op. 2.

GRADE 1

PIECES

Hering, op. 66.

Schroeder, op. 31, op. 7.

Wohlfahrt, op. 301, op. 491.

Hamel, op. 22.

Hoffman, op. 202.

Dancla, op. 123.

Abel, technical exercises.

Ries, op. 26.

Scholz, technical exercises.

Schradick, technical studies.

E. Kross, op. 100, studies in double stopping.

E. Kross, op. 98, chord studies.

E. Kross, op. 18, scale studies.

Beriot, op. 771.

Weiss, op. 37 and 80.

Kaiser, op. 20, book 2.

Dont, op. 26 and 38.

Boehmer, op. 6 and 59.

Wohlfahrt, op. 58, 45, 74, 82.

Haessner, op. 42.

Weiss, op. 37, book 2.

Abel, technical exercises.

Dont, op. 36 and 37, book 2.

Schroeder, op. 5, book 2.

Kaiser, op. 20, book 3.

Mazas, op. 36.

Scholz, technical exercises.

Sauret, technical exercises.

Casorti, op. 50 and 41.

Kreutzer, forty studies.

Mazas, op. 36, books 2 and 3.

Fiorillo, thirty-six studies.

Rode, fourteen caprices.

Rolla, op. 10.

Huellwell, orchestra studies.

Rovelli, twelve caprices.

Abel, twenty-five studies.

David, op. 9 and 20.

Gavinies, twenty-four studies.

Lauderbach, op. 2.

Dont, op. 35.

Paganini, moto perpetua.

Bach, six sonatas for violin alone.

Vieuxtemps, op. 16.

Wieniawski, op. 16.

Scradieck, op. 1.

Abel, six studies.

Paganini, studies.

Urban, op. 26.

Weiss, op. 38.

Wichtl, Salongeiger.

GRADE 2

Huber, op. 99.

Meier, op. 4.

Wohlfahrt, op. 50.

Hendelalbum.

Hermann, op. 33.

Corellialbum.

Hollaender, op. 18, 19, 3, 7.

GRADE 3

Bach, Sarabonde.

David, op. 30.

Hauser, op. 51 and 60.

Heitsch, op. 4, Romance.

Kreutzer, op. 36.

Boehmer, op. 26.

Kudelski, op. 13, 17, 26.

Beriot, air variee.

GRADE 4

David, concert studies.

Rope, op. 16 and 10.

Spohr, op. 135, Barcole.

Kreutzer, concertos.

Beethoven, op. 50 and 40.

Haendel, Sonatas.

Mozart, concertos.

Raff, op. 85.

Viotti, concertos.

Beriot, concertos.

GRADE 5

Bach, concertos.

David, op. 39.

Tartina, sonatos.

Spohr, concertos.

Corelli, sonatos.

Mendelssohn, op. 64.

Sant-Saens, op. 58.

Bruch, op. 42, 46, 26, 44.

Beethoven, op. 61.

Bazzini, op. 15.

ORGAN DEPARTMENT

The demand from many quarters for Pipe Organ instruction, and especially by those who are qualifying to become church organists, has led to the installing of a very fine Pipe Organ in the Music Department. The Organ is of the latest design, pneumatic action throughout, and is especially adapted to the work of instruction.

Herr Gustav Mehner, who came to this institution direct from the Royal Conservatory of Music, Dresden, Saxony, is splendidly equipped to train Pipe Organists. He was for four years under some of the most noted Organists of Europe and is a musician and artist of the highest standing.

The regular fee for instruction is \$35.00 for a term of three months, including the use of the Pipe Organ for practice two hours daily. A special music auditorium is set aside for this work, so that, considering the expense of heating and lighting and the necessary expense attached to a water motor for working the bellows, the fee for this branch is in every sense reasonable.

The student should not commence the study of this instrument until a good practical knowledge of the piano-forte has been obtained. As the organ is principally used in connection with the church service, special attention will be given to the art of service accompaniment. Also instruction in the mechanism of the Pipe Organ will be given free to all Organ students in a special class, which will meet once a week.

GRADE 1—Merkel Organ School, Part 1. Manual playing in two, three and four parts.

Sight Reading; Hymn tunes without the pedals.

GRADE 2—Merkel Organ School, Part 2. The natural pedalling; regular alternating of both feet.

Artificial Pedalling; the use of point and heel of the same foot. Easy pieces by Batiste, Dolmetch, Flagler, Lemaigre, Merkel and others.

Sight Reading; easy Hymn tunes with the pedals.

GRADE 3—Nilson Pedal Studies.

Merkel, Parts 3 and 4. Various pieces for study and church use.

Selected pieces by Rheinberger, Dubois and others.

Sight Reading; Hymn tunes in more difficult style.

GRADE 4—Nilson Pedal Studies, continued.

Schneider,—forty-four studies. (Manuals and Pedals continued.)

Bach,—Eight short Preludes and Fugues.

Some of his Chorals.

Rheinberger,—Meditations.

Other pieces by Guilmant, Malling, LaToubelle and others.

GRADE 5—Pedal Studies by Nilson and Schneider to be completed.

Bach, Preludes and Fugues of medium difficulty.

Mendelssohn,—Preludes and Sonatas. (Nos. 2 and 5.)

Rheinberger,—Sonata. (A Minor.)

Selected pieces by Guilmant, Widor, C. Franck and others.

GRADE 6—Selected studies suitable for the grade.

Mendelssohn,—Sonatas. (1, 3, 4, 6.)

Bach,—Toccatas, Preludes and Fugues.

Merkel,—Sonatas.

Schumann,—Fugues.

Rheinberger,—Sonatas, (C Major and others,) and Concertos.

Widor,—Symphonies.

Guilmant,—Sonatas.

Liszt,—Prelude and Fugue on the same, Bach.

Reger,—Preludes and Fugues. Trios. Sonata, (F sharp Minor.)

Other pieces selected for concert use.

Diplomas will be given as follows: (A) For ability as church organist to such organ students as have reached the Fifth Grade in the Organ Course, have completed the work in Harmony, have shown sufficient knowledge in transposition and improvisation and are acquainted with the mechanism of the Organ. (B) For ability as Solo Organist to such organ students as have completed the Sixth Grade in the Organ Course, have shown sufficient knowledge in Theory of Music and are acquainted with the mechanism of the Organ.

VOCAL DEPARTMENT

Our Vocal instruction is based on the so-called pure Italian method. Therefore the fundamental principles of vocal art, such as breathing, position of larynx, tongue and mouth—in short all functions of the tone producing and tone strengthening

organs—will receive the most careful and patient attention. The result will be a normal, well placed, easy flowing, resonant and beautiful tone. This is the most important and most difficult part of voice culture. While the Italian method, which treats the voice as a beautiful instrument only, forms the necessary basis of all vocalism, it is absolutely inadequate for the proper rendition of modern music. This demands a perfect treatment of all vowels, consonants, words, phrases and sentences of all modulations, of emotions and sentiments as indicated by the underlying poem; of which the music is but a higher expression. Therefore, the vocal art requires the most patient and faithful study, and pupils must ever bear in mind that, while "Art is long and time is fleeting," vocal art is the longest, the deepest, the most difficult, as it is the most beautiful of the arts.

COURSE OF STUDY

- GRADE 1—Breathing exercises. Simple exercises in order to remove all restraint and unnatural condition of the organs.
- GRADE 2—Easy exercises by Dr. Poehlmann.
- GRADE 3—Prof. Scharfe's Method, First Part, Lessons 1 to 14. Respiration, placing the voice, legato exercises, tone development, interval exercises, easy solfeggi.
- GRADE 4—Prof. Scharfe's Method, First Part, Lessons 14 to 31. Continuation and enlarging of preceding exercises, medium solfeggi, easy songs.
- GRADE 5—Prof. Scharfe's Method, Second Part, coloratur exercises. Third Part, solfeggi 1 to 15. Development of register, turn and trill. Advanced songs.
- GRADE 6—Prof. Scharfe's Method, Second Part, coloratur exercises. Third Part, solfeggi 16 to 30. Enlarging of the preceding exercises. Chromatic scale, arpeggio. Difficult songs. Study of oratorios.
- GRADE 7—Prof. Scharfe's Method, Second Part, coloratur exercises. Solfeggi of Bordigni, Lamperti, Marchesi, etc. Studies of oratorios, arias of operas.
- GRADE 8—Study of opera parts.

SPECIAL OPPORTUNITIES

Prof. Charles A. Dobson, baritone, gives his entire time to the Department of Voice. Prof. Dobson is one of the leading soloists of Western Pennsylvania and an accomplished musician. He, with Dr. Poehlmann, divide the work in the Voice

Department, Prof. Dobson taking all beginners, as well as many of the more advanced students. Juniors and Seniors of the Music Department take Voice instruction as a rule from Dr. Poehlmann and where students have special preferences for either the one or the other in this department these preferences are honored. The tuition fee under Prof. Dobson is \$18.00, and under Dr. Poehlmann is \$25.00.

THE ORCHESTRA

A fine string orchestra is maintained by the Music Department under the direction of Dr. Poehlmann. New students wishing to join this orchestra for the instruction they will receive in various instruments are admitted on a term fee of \$5.00. After one year's membership no fee is charged.

MODEL STUDENTS

A limited number of lads and misses will be received into the Music Department as model students for teachers in Piano, Violin and Voice who are receiving supervised instruction in teaching. Those who receive this instruction will be charged \$3.00 a term for two lessons each week. Application should be made to the Director of the Music Department by all those desiring places as model students before the opening of the session.

RATES OF TUITION PER TERM

PRIVATE LESSONS

VOICE

Instruction given by Dr. Poehlmann.	
One term's instruction in voice.....	\$25.00
One term's instruction in voice, including French or German	30.00
Lessons are half-hour lessons	
Instruction given by Prof. Dobson.	
One term's instruction in voice.....	18.00
One term's instruction in voice, including French or German	23.00
Lessons are half-hour lessons	

PIANO

Instruction given by Dr. Poehlmann or Prof. Mehner.	
Two half-hour lessons a week.....	\$25.00
One half-hour lesson a week.....	15.00
One full-hour lesson a week	25.00

Instruction given by Miss Glenn.

Two half-hour lessons a week.....	18.00
One half-hour lesson a week.....	10.00
Pipe Organ, with two-hours daily practice.....	35.00

VIOLIN

Two half-hour lessons.....	\$25.00
One half-hour lesson.....	15.00
Harmony (in classes).....	12.00
Counterpoint (in classes of two).....	15.00
Composition (in classes of two).....	20.00
Teachers' Instruction in Piano.....	6.00
Teachers' Instruction in Voice.....	6.00
Teachers' Instruction in Violin.....	6.00
Dictation and Ear Training.....	6.00
Forms and Analysis.....	6.00

Ensemble.

Two half-hour lessons with one of the Professors.....	10.00
One half-hour lesson with one of the Professors.....	5.00
Two students together.....	4.00
Piano duetts are free for all those students who have Piano and Harmony, Voice, sight reading, and who are prepared for duetts.	
Two half-hour lessons by Dr. Poehlmann.....	12.00
One half-hour lesson by Dr. Poehlmann.....	6.00
Literary students.....	2.00

Chorus.

Chorus is free to all music students.

Piano accompanists' course.....	10.00
Elements of Music.....	4.00

Music History free for all music students.

OTHER EXPENSES

Piano practice periods in the Music Hall, forty minutes, for the term.....	\$1.00
For Music Library, Sheet Music for Chorus and Ensemble Music.....	1.00
Fees for certificates of any kind.....	2.00
Additions or duplicates.....	1.00
Certificates of Dismissal.....	1.50
Artist Diplomas.....	3.00
Special examinations.....	1.00

Tuition is payable invariably in advance. All music students are permitted to take Elocution and Penmanship without extra charge, but no other studies. Music students can take any subject in the Literary Department for \$5.00 additional, or two or more subjects for \$10.00

ADMISSION AND CLASSIFICATION

All the various subjects in the Music Conservatory, including Voice, Piano, Violin, Harmony, Counterpoint, Composition, etc., are taught from the first step up to the special coaching of artists. Each applicant has to pass an examination in order to place him at the grade where he belongs. Students may enter at any time, though it is desirable, especially for the regular course students, that they should begin in the Fall term. All beginners are expected to take, besides their principal study, Elements of Music.

DEPARTMENT OF THE FINE ARTS

The Department of the Fine Arts was organized at the beginning of the year '93-4, since which time there has been a manifest growth in art sentiment in the College.

Miss Lillian McConkey, who received her training in some of the best art schools in this country, and notably at the Philadelphia School of Design, and who has had several years' successful experience in teaching, was engaged to take charge of this work at the beginning of the college year 1904-5. Miss McConkey has demonstrated her fitness for the position, and has been very successful in creating in her pupils a love for art in the highest sense.

During the past year instruction has been given in drawing in its various forms, crayon, painting (oil, water and pastel), china painting, portrait work and outdoor sketching.

Those desiring an extensive course of study in the Fine Arts are provided with instruction in a properly graded course of study, beginning with free hand object drawing and advancing through all the various branches arranged in the course. Those who, on account of limitation of time or money, do not care to pursue a long course of study are permitted to elect the special subjects in which they desire to receive instruction.

The new Art Studio, now occupying a part of the second floor of the Main Recitation Building, is a very beautiful and attractive studio and well adapted to the work of the department. The studio property, including casts, has been largely increased, and students will find every convenience and facility found in reputable art schools. A kiln is provided by the institution in which firing is done at moderate rates.

Art periodicals and general art literature are provided in the College Library. Two public exhibitions or receptions are given each year in this department, to which the public is cordially invited, to inspect the work and note the progress of the students. The annual reception in this department occurs on Tuesday during Commencement.



WINTER SCENE IN THE CAMPUS



AS-YOU-LIKE-IT—CAST—GIVEN IN COLLEGE PARK COMMENCEMENT WEEK

Courses of study along any one or more lines of art work are provided. These courses of study extend over three years, and are marked out to meet the requirements and needs of individual students.

FIRST YEAR—Crayon drawings from geometrical solids and vases, with applied perspective.

Lead pencil drawing after foliage and flowers from nature, with training in observation of plant growth, for use in flower painting from nature.

Charcoal drawing from still life, as exercised in composition and for study of varied color values.

Brush drawing in sepia and charcoal, gray from foliage, casts and still life, practice for the handling of water color.

Memory Drawing.

Time sketching.

Applied perspective.

SECOND YEAR—Historic ornament, Tuesday A. M., Wednesday P. M.

Drawing from casts of human body, Wednesday A. M., Tuesday P. M.

Water color, Thursday A. M.

Still life in oil, Friday A. M.

THIRD YEAR—Antique, Tuesday A. M., Wednesday P. M.

Life class, Wednesday A. M.

Water color, Thursday A. M.

Still life in oil, Friday A. M.

China decoration, Thursday and Friday P. M.

TUITION

Tuition for each college session is \$12.00; for the Summer session of ten weeks, \$12.00. A contingent fee of \$3.00 for each college session is charged for the meeting of the general expenses of the department.

Those pursuing studies in the Literary, Music or other Departments of the College very frequently find it convenient as well as profitable to take one or two lessons each week along some line in the Art Department. Many ladies in the Music Department who are not taking full courses of study in that department often find it pleasant as well as profitable to take studies in the Fine Arts. Those wishing to take Literary studies in addition may do so by paying \$5 for one subject or \$10 for two or more subjects.

BUSINESS DEPARTMENT

COMPLETE COMMERCIAL COURSE

For several years the institution has maintained a Commercial Course of study especially adapted to the needs of young men and women preparing themselves to become bookkeepers, accountants, etc. The course is similar to that pursued in the leading schools of the country and furnishes instruction not inferior to that found in the best business colleges of the State. We offer in this department a complete Commercial Course, one which prepares for business life in the widest sense and which gives thorough instruction in Bookkeeping, Banking, Counting Room Work, and all such subjects.

BOOKKEEPING

Instruction in this branch is divided into four departments: Introductory, Intermediate, Advanced, and Office Departments. The work is so planned that all other branches of study are made to keep pace with the student's progress in Bookkeeping.

In the Introductory Department the pupil is thoroughly grounded in the principles and forms of negotiable paper and all such documents as pertain to practical business.

In the Intermediate Department the student is thoroughly tested as to his proficiency in the work already performed. Special forms of books are opened and closed, and advanced courses in commercial law and business correspondence are pursued and complicated features of accounts are carefully considered and mastered.

In the Advanced Department several special lines of work are taken up covering *Banking, Wholesaling, Commission House Work, Jobbing House Work, Transportation, and Business Practice*.

COLLEGE NATIONAL BANK

The Bank sustains the same relation to the pupils that the regular bank does to business men. It receives deposits, pays checks, collects notes and drafts, as well as domestic and foreign exchange, issues certificates of deposit, etc.

WHOLESALE HOUSE

Our wholesale house buys its goods of jobbers and sells at wholesale rates to the business practice department. The duties of this office involve writing letters, making out bills, preparing invoices, keeping banking accounts, rendering statements, drawing and paying drafts, notes, etc.

BUSINESS PRACTICE

The business practice and the counting room are the leading features of our Commercial Course and do more to advance the student in his work than any other feature of the business course. Here the pupils become in all essential particulars business men. They are provided with capital and with all necessary documents, the books and stationery of a business house. They are led through a course of transactions, correspondence and records which are adapted to the thorough training of the student. This work is very comprehensive, including the keeping of a set of books, the drawing up of all kinds of business documents, including drafts, notes, checks, leases, mortgages, deeds, co-partnership and other contracts, receipts, orders, and all such business forms as pertain to actual business.

COMMERCIAL LAW

We give special attention to commercial law. No student is equipped to go out into business who has not a thorough knowledge of the essential laws of business. We use as our leading text-book a work entitled "Commercial Law," published by Williams & Rogers, and go thoroughly into such subjects as the laws governing transactions, negotiable paper, agency, partnership, joint stock companies, corporations, insurance, interest, liens, tender, payment, real estate conveyance, etc., etc.

PENMANSHIP

We insist that our students shall take penmanship during the entire course until they become skilful business penmen. There are hours for penmanship practice daily during the entire course.

OUTLINE OF WORK

Commercial Law.

Business Correspondence.

Rapid Calculation.
Commercial Arithmetic.
English Grammar.
Penmanship.

Bookkeeping—Initiatory Blanks are Journal, Cash Book, Sales Book, Bill Book and Ledger. Intermediate and Advanced are Special Column Journal, Retail, Commission, Jobbing, Manufacturing, Single Entry, Banking and Three Weeks in Business Practice, with general review of previous work.

Business Practice includes keeping a set of books, receiving and issuing checks, notes, drafts, certificates of deposit, invoices and telegrams.

TUITION

Tuition in this Department is \$40. This permits the student to receive instruction in all the branches pertaining to the Commercial Course for two full sessions, as well as instruction in Grammar and Arithmetic. Many no doubt will be able to complete this course in less than two terms, especially those who have a good knowledge of the common branches. Boarding in clubs on the co-operative plan can be had for \$2.25 to \$2.75 a week. Room rent from \$9 to \$10 a term. Total expenses for a business course: Tuition \$40; books and stationery, \$6. Students wishing to take additional work in the Literary Department can do so by paying \$5 for each subject or \$10 for two or more subjects.

SPECIAL ADVANTAGES

1. The opportunity of pursuing a business course under the best Christian influences.
2. The exceeding low cost of a course in business here as compared with that of the usual business or commercial college.
3. The stimulus incident to association with earnest students in the literary department.
4. The opportunity of taking literary studies in connection with the business course.
5. The comparative safety of a student from the vices and allurements of a large city.
6. Access to the College library and reading room, the advantage of literary and musical societies at the college, and the free use of bath rooms and other facilities provided for all college students.

7. The opportunity of taking stenography and type-writing in connection with commercial studies is improved by many who enter the business department.

STENOGRAPHY AND TYPEWRITING

Practical stenographers and typewritists are in demand in almost every branch of business. The field for the practical application of stenography and typewriting is daily enlarging. Good stenographers and typewritists find ready employment at good salaries.

We teach students to use different type writing machines, such as Remington, Smith-Premier, etc.

The time required to become a rapid office stenographer is, on the average, nine months. We guarantee to prepare the average student who applies himself for practical office work as a stenographer in three terms.

Tuition in Stenography is \$20 per session, or \$50 for complete course in Stenography, payable in advance. Those who pay \$50 tuition are limited to three terms.

We can furnish work in stenography and typewriting to employ the entire time of the student, yet students in this department may take literary studies if they choose.

Tuition in typewriting is \$10 per term, including the use of the machine for that time. Students will be permitted to practice an additional term on the typewriter for \$5.

A diploma is awarded to each graduate in Stenography and Typewriting, setting forth the fact of graduation and the degree of efficiency attained.

Those who wish to take literary studies in connection with Stenography can do so by paying \$5 additional for one subject or \$10 for two or more subjects.

For further information on this department address the President.

MILITARY DEPARTMENT

Work in this department began in 1891 under 1st Lieut. Chas. W. Rowell, 2d Infantry, United States Army, who was then detailed by the War Department as Professor of Military Science and Tactics at this institution.

The present Professor of Military Science and Tactics is 1st Lieut. Wm. A. Castle, 9th Infantry, United States Army, who was graduated from the Infantry and Cavalry School in 1904, and from the Army Staff College in 1905.

THE WAR DEPARTMENT'S ORDER OF OCT. 23, 1907.

SPECIAL ORDERS
No. 249.

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WAR DEPARTMENT,
WASHINGTON, D. C., Oct. 23, 1907.

Extract

* * * * *

21. By direction of the President, 1st Lieut. Wm. A. Castle, 9th Infantry, is detailed as Professor of Military Science and Tactics at the Grove City College, Grove City, Pennsylvania, and will proceed to that place and report in person to the president of the college for duty accordingly. The Travel directed is necessary in the military service. [1291681 A—A. G. O.]

* * * * *

By order of the Acting Secretary of War:

WILLIAM P. DUVALL,
Major General, Acting Chief of Staff.

OFFICIAL: HENRY P. MCCAIN,
Adjutant General.

COURSE OF STUDY AND INSTRUCTION

The following course of study and instruction, recommended by the War Department, has been adopted by this institution:

(a) Practical :

Infantry Drill Regulations, through the school of the battalion in close and extended order.

Advance and rear guards, and outposts.

Marches.

Battle formations, (Normal attack and defense).

The ceremonies of battalion review, inspection, parades, guard mounting, and escort of the colors.

Infantry target practice.

Instruction in First Aid to the Injured.

Signal Drill.

Weather permitting, there shall not be less than one parade and one guard mounting during each week of the school term; and one battalion inspection and review each month.

(b) Theoretical :

The Infantry Drill Regulations covered by the practical instruction.

The Manual of Guard Duty.

Small-Arms Firing Regulation, Parts I, II and VII.

The Articles of War, with special reference to Articles 4, 8, 15, 20, 21, 22, 23, 24, 32, 38, 39, 40, 42, 44, 46, 47, 50, 55, 57, 61, and 65.

Field Service Regulations.

And the following records :

Enlistment and discharge papers, including descriptive lists.

Morning reports.

Field and monthly returns.

Muster rolls.

Roster.

Ration returns.

Requisitions.

Property returns.

The Articles of War specifically mentioned are among the most important for a young officer to know on first entering the service.

The records prescribed for study should be thoroughly understood by all graduating cadets, because they show how the soldier enters and leaves the service, how he is accounted for, paid, fed, clothed, armed, and how his military duties are regulated.

THE UNIFORM

The uniform required is similar to the West Point uniform and is made of West Point standard cloth. These suits, including cap cost \$15.00. All young men are required to provide themselves with one of these suits. Those who feel they are not financially able to provide the complete suit are required to secure trousers, cap and shirt-waist, involving an outlay of about four dollars and fifty cents or five dollars. These suits will easily last the full four years and it is a great saving to the student. All young men physically qualified are expected to take the work in Military Science and Tactics except those who are excused during the several seasons as members of the regular college Foot-Ball, Basket-Ball and Base-Ball teams.

ORGANIZATION

The cadets are organized as a battalion, with cadet officers and non-commissioned officers.

The major, captains and lieutenants are appointed from the Senior Class, the sergeants from the Junior Class and the corporals from the Sophomore Class. The appointments of cadet officers for the coming year will be announced in the next Bulletin.

CADET BAND

The Cadet Band is an important feature. Students playing band instruments, or desiring to learn to do so, are given the opportunity to make themselves proficient in this respect. Those having band instruments are requested to bring them to college.

A thoroughly competent leader will have charge of the band practice during the coming year.

HOSPITAL CORPS AND SIGNAL CORPS

These are small detachments to which specially selected cadets are assigned. The signal corps has been recently organized and it is hoped to include in it all kinds of military signalling. At present the work is limited to flag signalling. The work in the hospital corps includes all kinds of first aid, litter drill, bandaging, etc., caring for patient in cases of drowning, sun-stroke, freezing, poisoning, etc., in addition to wounds of all kinds.

TARGET PRACTICE

This is one of the most important features of the department. The course in target practice is the one prescribed by the War Department for the organized militia of the United States. The cadet is taught how to take the rifle apart, how to put it together, and how to shoot it, important things for an American young man to know.

Cadets qualifying as marksmen, sharpshooters, or expert riflemen, are given certificates of same.

A suitable medal is presented to the cadet making the best record at target practice.

OUTINGS

In past years instructive outings have been arranged for the battalion of cadets. These have included attendance at the inauguration of President McKinley, in 1901, President Roosevelt, in 1905 and President Taft, in 1909, besides numerous short excursions, camping trips, practice marches, etc.

BENEFITS OF THE MILITARY DEPARTMENT

The attention of young men and of parents and of guardians is called to the very great advantage of military training. In this college the Military Department is of incalculable benefit, not only as affording the very best form of military training, but especially in inculcating the moral virtue of OBEDIENCE. Young men are here taught the foundation principles of good conduct and good citizenship. The intellectual training given in this department is of no small consequence. The study and class recitations in Military Science on the drill grounds afford the very best kind of mental discipline, requiring the student to think quickly and accurately. Scores of students who have taken instruction in this department bear testimony of the good they have received, physical, mental and moral.

FIELD, STAFF AND N. C. S. AND COMPANY

OFFICERS 1908-'09

Major, O. P. BALLINTINE.
Adjutant, C. C. McCULLOUGH.
Quartermaster, J. W. BROWN.
Sergeant Major, F. W. WALKER.
Quarter Master Sergeant, W. J. BRAHAM.
Chief Musician, J. N. HUNTER.
Drum Major, MEADE WIAINT.
Color Sergeants, N. C. KOONTZ and F. P. McCONKEY.
Company "A" Captain, W. J. LACE.
First Lieutenant, C. M. CHRISTLER.
Company "B" Captain, H. W. DODDS.
First Lieutenant, G. H. TRAUGH.
Company "C" Captain, V. D. JOHNSTON.
First Lieutenant, F. A. LAWRENCE.

DEPARTMENTS OF INSTRUCTION

The courses of study cover all the branches usually taught in the colleges of this country. In no department, however, does the institution presume to do work which by right and fitness belongs peculiarly to the university or the professional school. Within the sphere of college work the instruction affords the very best mental discipline and high grade preparatory training for subsequent professional studies. Each course is arranged with such ends in view. The different departments of study may be properly named Philosophy, Language and Literature, Mathematics, the Sciences, Mechanical and Civil Engineering, the Arts, etc.

PHILOSOPHY

PRESIDENT KETLER

The college has for many years provided an extensive course in Philosophy. In addition to a very thorough training in Psychology, which is received in another department, the student is afforded the opportunity of an unusually wide range of studies in Logic, Ethics, Metaphysics, Theism and the History of Philosophy.

In Metaphysics the general trend of instruction is pro-Kantian. This is no new departure in this institution. Years ago the Common Sense view was given up and a better way of conceiving fundamental truth was substituted. In every respect the system of philosophy maintained in the instructions of the college is theistic, and hence basal to Christianity and Biblical doctrine.

One full year is given to the History of Philosophy, in which study Schwegler is used as a text book for two sessions, with supplementary lectures on Modern Philosophy during the last term of the Senior Year.

It has always been the ambition of the President, under whose instruction this work is given, to make the department eminently disciplinary to the student and thoroughly to ground those who receive this instruction in those ethical and theistic

principles which alone harmonize with the great doctrines of Evangelical Christianity.

LANGUAGE AND LITERATURE

GREEK

PROFESSOR KELSO

The work in this department presupposes two years of preparatory studies, or six terms of work with five recitations per week.

This preparatory work is divided as follows: two terms for the beginner's book, three terms for Xenophon, and one term for Homer. In the first two terms a thorough mastery of forms and the elementary principles of syntax is sought after as well as the acquiring of a working vocabulary of eight hundred Greek words. Three to four books of Xenophon's *Anabasis* are read in the next three terms, the grammar is carefully reviewed, and the foundations for a scientific study of language are laid. Every student is required to master all words occurring more than five times in the entire *Anabasis*, and about twenty-five pages of English prose are translated into Greek, thus emphasizing the prominent features of Greek syntax. In the last term of the preparatory work two books of Homer's *Illiad* are read. The student is expected to gain such a working knowledge of prosody as to be able to read hexameter verse fluently. Epic forms are examined and comparisons made with the corresponding forms of Attic Greek.

In the collegiate department the plan is to study the language in its historical development. In the first term of the Freshman Year, Homer's *Illiad* and *Odyssey* are read in large sections, and the origins of Greek forms and constructions are noted. In the second term of the Freshman Year the further development of the Greek language is traced on into the Ionic of Herodotus, and the Attic of Thucydides. In the third term of the Freshman year Demosthenes and other Attic orators are read. Co-ordinated with these, philalogical studies are excursive into Grecian history and literary criticism. Facility in writing the Greek language is developed by further exercises in Greek

prose composition. This is our approved method of mastering Greek syntax.

In the Sophomore and Junior Years courses are offered in the following lines: (a) Plato and Greek philosophical literature in general; (b) Dramatic poetry; (c) Lyric poetry; (d) Biblical Greek. These advanced courses are open only to students who have had three years of preliminary work.

The work in Biblical Greek for one year will include readings in the Septuagint, one of the historical books of the New Testament, and two of the Pauline epistles. Burton's Moods and Tenses of the Greek Testament are systematically studied, and the foundations of a sound system of New Testament interpretation, are laid.

LATIN

PROFESSOR CALDERWOOD

The general plan of the instruction in this department is as follows: From the beginning accuracy in pronunciation and in knowledge of inflectional forms is rigidly required. The work of the first year consists in the acquirement of the elementary principles of the language and the reading of easy selections as an introduction to the more difficult prose of Caesar. The authors then taken up are indicated in the College Preparatory and Classical Courses of study. In the earlier terms of the collegiate work the efforts of the instructor are mainly directed to training the pupil to *read* Latin *i. e.*, to recognize the thought in its Latin dress. Translation is employed more as a test of the accuracy of the student's work than as an object in itself. The student is taught to understand correctly the meaning and use of the words, to discriminate readily between forms and phrases, and to feel the exact significance of construction, idiom and arrangement. This reading is supplemented by practice in writing Latin. In the Sophomore and Junior years authors are studied to illustrate the history and civilization of their times, and reading is combined with a more careful study of language and style and more attention to the subject matter. Prose translation at sight is used to test the student's grasp of the language.

HONORS IN THE CLASSICS

The following is a statement of the requirements for graduation honors in Latin, Greek, French and German. Candidates for honors in the Classics will do well to count on an additional year. Seventy-five hours are required in each Language which is adopted as the major for honors. The following is the scheme :

I. PREREQUISITES :

- (a) Ability to write good English. Test to be given during the Junior year.
- (b) All preparatory English, and 15 hours of College English.
- (c) Mathematics through College Algebra and Plane Trigonometry.
- (d) Latin, all preparatory requirements. (45 hours.)

II. STANDING OF CANDIDATE :—No student can be a candidate for an honor degree whose rank in any department averages less than "B." Any man making this average and doing the required work shall be in the honor group.

The above preparatory requirements must be fully met by the candidate before he can take up the following work for honors :

- ### III.
- (a) Honors in Latin : 30 hours in College Latin and 60 hours in preparatory and College Greek.
 - (b) Honors in Greek : 75 hours in preparatory and College Greek, and 15 hours in College Latin.
 - (c) Honors in German : 60 hours in preparatory and Collegiate German, and 30 hours in College Latin, or 30 hours in College and preparatory French.
 - (d) Honors in French : 60 hours in French, and 30 hours in College Latin, or 30 hours in German.

VI.

In all languages, facility in composition will be a requirement for an honor degree, and in modern languages, in addition, ability to converse will be demanded. Candidates for honors must pass a special examination in the sight reading of ordinary prose works in the languages which they elect. Such examination shall be given by a committee, consisting of the heads of the language departments, at any time especially arranged.

V.

All students who have completed the honor course in any department will be graduated in the honor school in that department. All students who have "A" in half of their honor work shall graduate "cum laude"; all who have "A" in all their honor work shall graduate " magna cum laude."

Distinguished ability in every department shall entitle a student to be graduated "summa cum laude."

FRENCH AND GERMAN

MISS MARY MILLICHAMP, FRENCH; MISS ELINOR CARUTHERS, GERMAN

The object of the instruction in this department is to prepare the student to read and write the French and German languages with facility and to speak them with a fair degree of accuracy and fluency. Early in the course easy prose is taken up and combined with tri-weekly themes, instruction in grammar and practice in speaking. In the advanced classes the student is presumed to be able to read with facility ordinary French and German prose, and more attention is given to the subject matter, authors being read for their literary worth, and their style and expression studied with a view to enlarging the student's acquaintance with the French and German literatures and strengthening his command of the languages. A wide range of reading is offered in the Junior and Senior years, embracing the work of the best classic and modern prose and lyric writers. The drama is studied from the points of view of literary art and the history of literature. Throughout the course constant practice in speaking and in oral and written translations at sight is provided.

ENGLISH

PRESIDENT KETLER AND PROFESSOR DODDS

The aim is as far as possible to provide work in English for each session of all the college courses. Thus in the Freshman year the three terms are devoted to the Elements of Rhetoric, the Science of Rhetoric and the Etymology and History of Words. In the Sophomore year Anglo Saxon, Old English and Middle English are the usual studies. In the Junior year studies in Shakespeare and Milton occupy much of the time, while in the Senior year the entire three sessions are given to the study of Nineteenth Century American and English authors.

Dr. Dodds has entire charge of the Junior English, for which he has made special preparation, and President Ketler of Nineteenth Century Authors during the Senior year.

In the teaching of English much attention is given to Composition. In the Freshman Year almost daily compositions are required, while in the Junior and Senior years students are required to prepare a carefully written critique upon the work or works of each author studied.

HISTORY AND POLITICAL SCIENCE

PROFESSOR HAYS

An outline of Greek and Roman history, with lectures upon Greek and Roman political ideals. Fall term, five hours.

English History—An outline of the history of the English people from the Saxon conquest to the present time, emphasis being placed upon the rise and development of institutional liberty. Throughout the year, five hours.

The British Empire since the accession of William and Mary—A course dealing with the evolution of modern English governmental institutions, with British territorial expansion and colonial problems. Fall term, two hours.

Mediaeval Europe—A study of political, religious and educational conditions in Western Europe from the fall of the Western Roman Empire to the Reformation. Winter term, three hours.

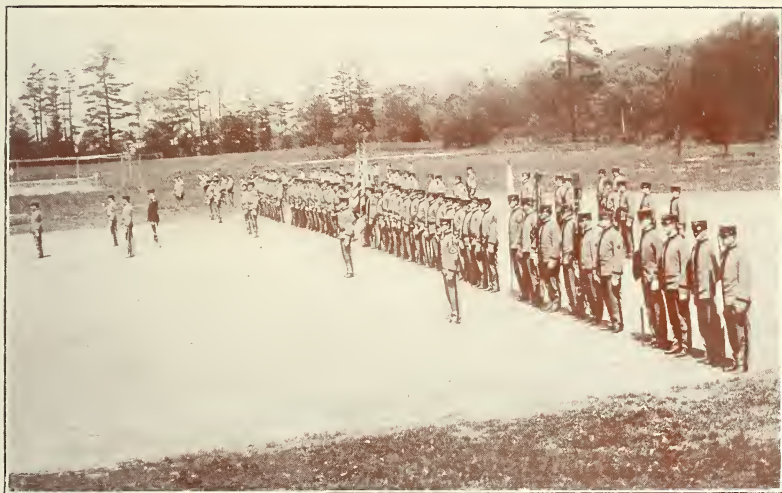
Modern Europe—The Reformation, the French Revolution, and the growth of National States. Spring term, two hours.

Constitutional History of the United States—A critical study of the sources of the American Constitution as found in colonial history, the making and ratification of the Constitution and its development by amendment, usage and judicial interpretation. Spring term, five hours.

Political Science—A general survey of the subject, with studies in comparative administration and party government as seen in Europe and America. Fall term, five hours.

Political Economy—The elements of political economy, with emphasis upon present day American problems. Winter term, five hours.

International Law—A study of the sources, history and present status of the principles of International Law. Spring term, five hours.



INSPECTION—COLLEGE CADETS 1909



GROVE CITY COLLEGE CADETS ON PENNSYLVANIA AVE., WASHINGTON, D. C.
MARCH 4, 1909

*MATHEMATICS

The course in Mathematics is intended to meet the end at once of discipline and utility. In the Preparatory Department it includes two terms in elementary Algebra and three terms of Geometry, plane, solid and spherical.

In the Collegiate Department the course extends throughout the Freshman and Sophomore years and includes the following subjects: Freshman year, first term, Higher Algebra, Indeterminate and Quadratic Equations, Involution and Evolution, Progression, Binomial Theorems, and the use of Logarithms; second term, Choice and Chance, Variables and Limits, Exponential and Logarithmic Series, General Properties of Equations and determinants; third term, Trigonometry, Right and Oblique Triangles and Applications. In the Sophomore year, first term, Spherical Trigonometry, with applications to Astronomy, Geography, etc., and Surveying, with use of Transit, Leveling Rod, etc.; second term, Analytics, Equations, Conic Sections, Higher Plane Curves; third term, Calculus, Differentiations and Integrations, with applications to mechanics.

MECHANICAL AND CIVIL ENGINEERING

PROFESSOR HARMON

The Department of Mechanical and Civil Engineering, established in the institution six years ago, is designed to provide the very best instruction in the elements of mechanical and civil engineering. The courses of study outlined in this catalogue will be found, however, to embrace more than the elements. They are adapted to the preparation of young men for advanced standing in high grade technical schools. Indeed it is quite possible for those who take this work to enter upon the Junior studies in the best schools of polytechnics. The work in Physics, Chemistry, Mathematics and Mechanical Drawing is up to the highest standard in institutions especially maintained for these lines of work.

Many young men will find the work here ample to prepare them for practical work as civil and mechanical engineers with-

*Prof. Hays will teach the advanced mathematical studies for the year 1909-10.

out further study in other institutions. The equipment for this work is quite generous, and the new Science Hall recently erected and equipped for this work will be found to meet all the necessary requirements of the studies as outlined in the courses of Mechanical and Civil Engineering.

In addition to the foregoing, it may be said that those who have electrical engineering in view will find ample work in this institution for the first two years of their course.

We aim to do the very best work possible in mechanical drawing, and many young men who are not looking forward to the profession of engineering will find work in mechanical drawing here which will be serviceable to them in many other callings.

Young men who continue for the first three years in our Engineering work will be permitted to take their fourth year at Cornell University or other approved technical school and be graduated with their class from this institution with the degree of Bachelor of Science. This arrangement will be highly satisfactory to many young men who can get excellent theoretical training in this college at a small expense and who can take the fourth year in an institution specifically equipped with shops and necessary practical appliances for engineers.

THE SCIENCES

The College affords a wide range of work in the Natural Sciences. No pretension is made to do university work along any line, but special effort is made to give students an extensive knowledge of the elements of the different sciences found in our curricula of studies. The following are some of the subjects which are embraced in the course in the Natural Sciences provided by this College: Psychology, Physical Geography, Physics, with experiments and illustrations, three sessions, five recitations per week; Chemistry, theoretical and practical, two sessions, with laboratory work, five recitations per week; Zoology, Botany, Biology, Astronomy, Geology and Economic Geology, each subject one term, five recitations per week.

PSYCHOLOGY AND THE ENGLISH BIBLE

PROFESSOR DODDS

The course of Psychology extends through the first two

terms of the Junior year. Baldwin's series is used as a text. The first term is given to the study of the Senses and the Intellect, and the second to the Feeling and Will. Special effort is made to secure clear-cut definition and the collection and interpretation of mental phenomena. The student is encouraged to examine every step in the light of his own consciousness. The subject is definitely distinguished from Metaphysics and confined to a study of the mind as related to the body. The third term is devoted to Ethical and Social interpretations. In this study social problems are found to have their origin and explanation in the development of the child. The whole course is arranged to acquire a practical view of the subject.

THE ENGLISH BIBLE

For many years past the college has given the Bible a place in the curricula of studies and has required two terms' work in the Bible as a condition of graduation. Dr. Dodds has been especially successful in creating a decided interest in the student body in this work. One full year is available for every student, covering two terms in the Old Testament and one term's work in the New Testament.

PHYSICS

PROFESSOR HARMON

The work in Physics will be in charge of Prof. Harmon, the head of the Mechanical Engineering Department, and will cover, in addition to a thorough grounding in the elementary principles of Physics, an extended and practical course for men wishing to take up Mechanics and other related subjects.

I. FIRST YEAR

(Open to all who have completed Algebra, Geometry and Trigonometry.)

FALL TERM—Mechanics and Heat, five hours.

WINTER TERM—Electricity and Magnetism, five hours.

SPRING TERM—Sound and Light, five hours.

TEXT BOOKS—Millikan & Gale's First Course in Physics, supplemented by Watson's Text Book in Physics. Laboratory Manual—A specially selected list of classified experiments.

REFERENCE LIBRARY—Constant references are made to the books of the Department Library, which contains such standard texts and manuals as Ganot's, Watson's, Daniell's, Ame's, Carhart's, Stewart and Gee, Ames

and Bliss Manual, Miller's, Blaker's Austin and Thuing, Nichol's, Chuto's, Sabine's, Crew and Tatnall, etc.

This is a general course designed to give the student such a knowledge of the physical processes of nature, as is indispensable to every educated and thinking person; and to furnish a sound and broad basis for further study and experiment.

It consists of experimental lectures, recitations, which include the solution of many practical problems based on the immediate principles under study; laboratory experiments with carefully written reports; and written tests at intervals.

II. SECOND YEAR

(Open to students who have completed Course I)

FALL TERM—Elementary Mechanics: Designed to prepare for the more technical studies of Mechanics of Engineering and Applied Mechanics, Five hours. Text book—Elementary Mechanics, Merrill's.

WINTER TERM—Electricity and Magnetism: A course preparatory to Experimental Electricity and Electrical Engineering. Text book—Electricity and Magnetism, S. P. Thompson, Nichols and Franklin.

SPRING TERM—Experimental Electricity, Heat and Light: A course in advanced laboratory work to meet the needs of the student. Text book—Selected experiments from standard laboratory manuals.

ASTRONOMY

(Open to those students who have taken Physics I)

Lectures and recitations five periods per week for one term.

Text book—Young's Manual of Astronomy.

The lectures will be supplemented by experimental demonstrations whenever found helpful, and large use will be made of lantern slides and the projection of instructive pictures and diagrams by means of the new reflectoscope, especially for the purpose.

CHEMISTRY

PROFESSOR SIEPLEIN

In Chemistry there is a two years' course including General Chemistry, Qualitative and Quantitative Analysis, subdivided as follows:

First Chemistry (General Chemistry) taught regularly in the Fall and Winter sessions; three recitations and lecture

periods and six laboratory periods per week. Laboratory fee, \$3. Credit, five hours. The theories of Chemistry are briefly taken up and the foundation principles of the science are thoroughly studied.

Second Chemistry (General Chemistry) taught regularly in the Winter and Spring terms; three recitations and lecture periods per week and six laboratory periods per week. Laboratory fee, \$3. Credit, five hours. This is a continuation of First Chemistry and completes General Chemistry. The theories of Agricultural Chemistry are discussed and Qualitative Analysis for the metals is taken up in the laboratory. The text book used for First and Second Chemistry is Newell: Descriptive Chemistry.

Third Chemistry (Qualitative Analysis) taught regularly in the Spring and Fall terms; two recitations and lecture periods and nine laboratory periods per week. Laboratory fee, \$3. Credit, five hours. This work includes Blow-pipe Analysis, Qualitative Analysis for acids and for bases. Any student taking this course must have completed General Chemistry. Text book: Noyes.

Fourth Chemistry (Gravimetric Quantitative Analysis) taught regularly in the Fall and Winter sessions; laboratory fee, \$3; two recitations and two lecture periods and nine laboratory periods per week. Credit, five hours. This work takes up the training in gravimetric analysis.

Qualitative Analysis must be completed before taking this course.

Fifth Chemistry (Volumetric Quantitative Analysis) taught regularly in the Winter and Spring terms; two recitations and lecture periods, and nine laboratory periods per week; fee, \$3. Credit, five hours.

This work gives thorough training in the use of standard solutions of acids and alkalies, of precipitating, oxidizing and reducing agents.

Gravimetric Quantitative Analysis must be completed before taking up this course.

Food Analysis, taught in the Spring term; two recitations

and lecture periods and nine laboratory periods per week for the full term; laboratory fee, \$3; credit, five hours.

In this course the methods of analysis for sugar, baking powder, butter, milk, water, alcoholic liquors, coal and fertilizer are taken up. Special attention is paid to the detection of adulterants and preservatives. The analysis of fertilizer, etc., gives training in the various methods used in Agricultural Analysis. Any student taking this work is required to have completed Gravimetric Quantitative Analysis, and advised to have studied Volumetric Analysis.

In the Spring term, there is a course of lectures and recitations on Technical Chemistry; five periods a week; credit, five hours; open to all who have completed General Chemistry. This work involves a study of industrial processes involving Chemistry.

At the close of the past Spring term, the class took a trip to Cleveland to see various chemical processes in actual use in factories. They visited the following plants:

The coal gas and water gas plants of the Cleveland Gas Light and Coke Co. The blast furnaces of the American Steel & Wire Co., one of the most up-to-date plants in the country; the open-hearth furnaces and sheet steel mills of the Otis Steel Co; the scrap furnaces and bar mills of the Union Rolling Mills Co; the National Carbon Works, makers of all sorts of carbons and batteries for electrical purposes; the central plant of the Sherwin-Williams Co., the largest paint and varnish makers in the world; The Cuyahoga Soap and Rendering Works, who convert slaughter house refuse and butcher's scraps into soap, glycerine, and fertilizer; the artificial ice plant of the Isaac Leisy Brewing Co. They also visited the Cleveland Industrial Exposition, and the Sun Oil Co., at Toledo. Such trips are a valuable supplement to class room study and will be repeated as far as practicable.

Elementary Chemistry is taught in the Fall and Winter terms. The work requires four recitations and lecture periods, and three laboratory periods per week: laboratory fee, \$2. Credit, five hours. This is a short course in General Chemistry for those who can devote but little time to Chemistry and therefore desire only a one-term course.

Advanced work, beyond the regular two years' course can be arranged for any student desiring it. Any student desiring to take both the Fourth and Fifth Chemistry in the Winter, or Fourth Chemistry and Food Analysis in the Spring can do so

on payment of a laboratory fee of \$5 for the two courses. In the Summer term, any course except Food Analysis and Technical Chemistry, for which there are three applicants, will be taught.

BIOLOGY

PROFESSOR B. A. MONTGOMERY, A. M., M. D.

It is the aim in this department not only to give knowledge of the facts relating to animal and plant life, but to form the habit of observing and interpreting nature; to lead the student through the study of structure and function, to an insight into the general principles of Biology and the "natural" systems of classification.

Typical representations of each of the larger groups of organisms (animals and plants) are studied in such manner as to give a fairly complete knowledge of these classes. Accordingly Ecology, Morphology, Physiology, Taxonomy, and Animal and Plant Distribution, etc., receive their due share of attention. For field and laboratory work, the very rich fauna and flora about Grove City afford abundant material, but such stock material as is needed for thorough work is obtained from other localities.

The institution is supplied with compound microscopes, microtomes, etc., and the work is done through lectures, recitations and laboratory investigations.

ZOOLOGY

- A. Study of classes through types.
 - I. Protozoa: Amoeba, Paramecium, Vorticella.
 - II. Porifera: Commercial Sponge.
 - III. Coelenterata: Hydra.
 - IV. Echinodermata: Starfish.
 - V. Annulata : Earthworm.
 - VI. Arthropoda: Grasshopper, Crayfish, Centipede, etc.
 - VII. Mollusca: Clam, Oyster.
 - VIII. Pisces: Perch.
 - IX. Amphibia: Frog.
 - X. Reptilia: Snake.
 - XI. Aves: Pigeon, Hen's Egg.
 - XII. Mammalia: Rabbit.
- B. Dissection of type forms.
- C. Histology and Cytology.
- D. Embryology.
- E. Entomology. Offered each Summer term.

BOTANY

A. Study of classes through types.

- I. Algae—blue, green, red: *Oscillatoria*, *Nostoc Pleurococcus*, *Zygnema*, *Vaucheria*, *Volvox*, *Desmids*, *Spirogyra*, *Diatoms*, *Fucus*, *Ectocarpus*, *Lemanea*, *Polysiphonia*, etc.
- II. Fungi: *Bacteria*, *Yeasts*, *Molds*, *Blights*, *Mildews*, *Cup Fungi*, *Lichens*, *Smuts*, *Rusts*, *Mushrooms*, *Toadstools*, *Geaster*, *Puff balls*, etc.
- III. Liverworts: *Riccia*, *Marchantia*, *Anthoceros*.
- IV. Mosses: *Spagnium*, *Polytrichum*, *Mnium*.
- V. Ferns: *True Fern (Adiantum)*, *Equisetum*, *Lycopodium*.
- VI. Spermrphyta:
 1. *Gynnosperm*: *Pine*, *Hemlock*.
 2. *Angiosperm*: *Shepherd's Purse*, *Lily*.

B. Advanced work.

- (a) *Histology*, *Cytology* and *Microtechnique*.
- (b) *Embryology*.
- (c) *Mycology*.

PREPARATORY STUDIES

Preparatory studies embrace what are properly known as common school studies, viz.: Arithmetic, English Grammar, Political Geography, United States History, Orthography, Penmanship and Physiology, and also Elementary Algebra, Plane and Solid Geometry, Latin Grammar, and Latin Lessons, the Commentaries of Caesar, Orations of Cicero, three or four books of Virgil's Aeneid, Greek Grammar and Greek Lessons, and two or three books of Xenophon's Anabasis. To these may be added Physical Geography and the first few sessions in French and German.

It is in this department that the foundation of scholarship is laid and the habits of study formed; for this reason we have put large emphasis upon the work of our Preparatory Department. In the past twenty-five years, hundreds, we might say thousands, of young people have received instruction in preparatory branches in this institution, hundreds have prepared for college, and many hundreds have gotten the knowledge and discipline that have made them efficient and successful teachers.

In fact, we cover in this department all the essential work of the State Normal Schools, and confidently and conscientiously say that in this department we can do as much for

the preparation of teachers for the public schools as any of the State Normal Schools.

It is worthy of remark that a student coming into the Preparatory Department at any time in the year can find work suited to his needs. We teach all common branches every session and every necessary grade of each; Latin, Greek, French, German, Algebra and Geometry are begun each session of the college year, so that a student can find a beginning class in any one of these subjects and in any one of the common branches, and all of the subsequent grades of each, at the beginning of each term of the college year. While this necessarily multiplies classes, we feel that the institution is well repaid by the large number of young people who avail themselves of the advantages here on account of the very wide scope of work provided.

ELOCUTION AND PHYSICAL CULTURE

Elocution and Physical Culture have a large place in the general work of the college. As a rule we follow the Emerson School of reading and expression as well as in physical culture. A special gymnasium is provided for ladies. It is equipped with every necessary appliance, bath rooms, toilet rooms, etc.

Those wishing to take special work in Oratory are permitted to do so. There is no extra charge for regular class work either in Elocution or Physical Culture, but those who take special work in Oratory are required to pay a fee additional to the general tuition, which is \$10.00 per session. This special work involves private instruction from three to five times each week.

ORATORY

A course of three terms is offered to members of the Junior and Senior Classes, the basis of the work being the Evolution of Expression, sixteen progressive steps by which the powers of an orator are developed.

FIRST TERM—Animation—Smoothness—Volume—Enunciation.

Slide—Vital slide—Slide in volume—Forming pictures—Study of selections from the great Orators, Essayists, and Dramatists, including Cicero, Burke, Webster, Philips, Macaulay, Shakespeare.

SECOND TERM—Literary Analysis—Taste—Vitalized Pictures—Ratio of values
—Ellipse—Magnanimity of Atmosphere—Creative—Obedience.

Study of Oratory continued.

Elemental forms of Gesture.

THIRD TERM—Perfective Laws of Art as related to expression.

Purity—Progression—Self Command—Foresight—Sympathy.

Voice as interpreter of mental state—Tone—Color—Relation of voice to imagination and emotion.

ART OF EXPRESSION

FIRST TERM—First Volume of the Evolution of Expression.

Voice Training—Exercises for securing freedom and proper direction of tone.

Breath control.

Responsive Drill—Response to mental concept.

SECOND TERM—Second Volume of the Evolution of expression.

Diacritical marks.

Voice Training—Exercises for forming transient resonant chambers for beautiful word elements.

Responsive Drill—Dramatic attitudes—Pantomimes.

THIRD TERM—Third Volume of the Evolution of Expression.

Voice Training—Force—Pitch.

Responsive Drill—Pantomimes.

Dramatic attitudes and their interpretation.

FOURTH TERM—Fourth Volume of the Evolution of expression.

Voice Training—Volume—Time Dramatic work.

PHYSICAL TRAINING

All the young ladies of the college are expected to take this work unless excused by the President. Two courses are offered.

FIRST—Expressive Physical Culture including exercises for poise, presence and bearing—for grace and ease of manner—for the vital organs—for respiration.

SECOND—Gymnastic Work, including free standing movements—drills with wands, dumb bells, Indian clubs, and bar bells. Gymnastic games, including basket ball—plain military and fancy marching—aesthetic dancing.

Suits are required for this work and directions for such will be given when classes are formed. A physician's certificate is necessary from all expecting to play basket ball.

THE SUMMER TERM

(TEN WEEKS)

The Summer Term for 1910 will begin Tuesday, June the 21st and continue nine full weeks. By conducting recitations six days in the week for two weeks of the session and by having regular recitations on Monday, Tuesday and Wednesday of the last week and examinations on Thursday and Friday the college is enabled to provide ten weeks of college work within nine actual weeks. This lessens the expense to the student as to room and boarding and permits teachers to have some vacation before the beginning of their year of public school work.

The Summer term of college work covers every department of college and college preparatory studies. The following departments are maintained, viz., College Preparatory, Collegiate, Music, Art, and Commercial Branches, including Stenography and Typewriting.

In addition to the work of all the foregoing departments the College maintains a special School of Pedagogy lasting for six weeks and beginning on Tuesday, June 28th, 1910. Teachers who come for the School of Pedagogy are permitted to take studies in the Literary Department without additional charges. This school covers a wide scope of pedagogical studies and is especially devoted to the equipping of teachers for Primary and Intermediate grade work. This school is known far and wide as a thoroughly good training school for teachers. Several specialists in this line of work are secured to give instruction in this department.

THE SCHOOL OF PHILOSOPHY

The School of Philosophy, which is maintained during the Summer is conducted by the President of the College, who is assisted by very distinguished and well-known philosophers. During the past year Prof. A. T. Ormond of the Princeton University and Dr. Borden P. Bowne of the Boston University were associated with the President in this work. A very wide scope of work will be provided for the year 1910.

THE NORMAL DEPARTMENT

During the ten weeks Summer term every branch of study required of teachers in the public schools will be provided for, including the common English branches, Grammar, Arithmetic, History, Geography, Civics, Algebra and Geometry, and also all High School subjects, such as English Language and Literature in a variety of courses, Physics, Zoology, Entomology, Chemistry, Biology, Higher Mathematics, including Trigonometry, Surveying, Higher Algebra, Analytical Geometry, Latin, Greek, French, German, etc.

The School of Music will provide instruction in Piano, Violin, Pipe Organ, Voice, Harmony, &c.

The School of Fine Arts will be open to receive students in drawing, painting (water and oil color), pastel, china painting, &c.

The Commercial Department, including Stenography and Typewriting, and Bookkeeping in all its forms, Banking, Railroading, and every subject involved in a thorough business course will, as in the past, offer excellent advantages to students desiring work of this kind.

The Classics, including work in Latin, Greek, French, German and English of every grade including beginning classes and up to and including Freshman and Sophomore work will be available for preparatory and collegiate students.

THE FOURTH TERM

The fourth term is now no longer an experiment at Grove City College. This term is the equivalent of any other term in the college year. Teachers and others who are unable to attend college continuously can come for the Spring and Summer terms and do the work of two thirds of a college year. Many come for a portion of the Spring term and all of the Summer term and in this way make considerable advancement along the line of a college education. These ultimately enter the Junior or Senior classes later on and complete their college courses.

THE SCIENCES

During the Summer session special work is provided in the

Sciences for men and women who wish better equipment for teaching in the High Schools. Regular laboratory work is done in all departments, and teachers are thus made familiar with laboratory methods and the use of apparatus. This is particularly true in Chemistry, Physics and Biology. Work of any grade in these subjects can be had during the Summer term.

THE ENGLISH LANGUAGE

During the Summer term special and extraordinary courses in English are provided. From twelve to sixteen courses in English are maintained, so that those who wish to specialize in English have here a very excellent opportunity. The regular English Professors of the College are assisted in this work by very able and distinguished teachers from other schools and universities. During the last Summer session Dr. Hardin Craig of the Princeton University and Professor George M. Sleeth of the Theological Schools of Pittsburg were added to the corps of instructors in this department. High grade work in both the English Language and English Literature was done.

A SPECIAL BULLETIN

A special bulletin relating to the various phases of the Summer term at Grove City College is published in January. Thirty thousand copies will be available for distribution. This bulletin will contain all the details of the large work which is undertaken at Grove City during the Summer, with the courses available and a statement of the expenses. Teachers and others interested should apply for this bulletin, as it will contain much interesting information regarding the Summer term. This is the only Summer College Term of any consequence conducted in Pennsylvania.

TABLE OF EXPENSES

The College aims to keep the expenses of a student at a minimum. For the Fourth or Summer term, tuition and boarding rates are as follows:

Tuition Literary Department, \$20.00, with fifty cents for Hospital Fee and fifty cents for Athletic Fee.

Pedagogy, \$20.00, with fifty cents for Hospital Fee and fifty cents for Athletic Fee.

In the Music Department the tuition is \$20.00 in any one subject such as Piano, Violin or Voice.

\$ 6.00 is the tuition for Teachers' Instruction.

\$ 4.00 is the tuition for Elements of Music.

\$12.00 is the tuition for Harmony in Classes.

\$20.00 is the tuition for the Commercial Course in Bookkeeping for one term.

\$20.00 is the tuition for Stenography.

\$10.00 is the tuition for Typewriting (First term),

\$ 5.00 is the tuition for Typewriting (Second term).

\$12.00 is the tuition for Art, and \$3.00 contingent fee.

\$ 6.00 is the tuition for lectureship in Philosophy.

\$ 4.00 is the Bible Conference fee.

\$ 3.00 is the Laboratory fee in Chemistry.

\$ 3.00 is the fee for field work with the use of the instruments in Surveying.

\$ 2.00 is the Laboratory fee in Physics.

\$ 2.00 is the fee in Botany.

\$ 5.00 is the fee in Elocution under Prof. Sleeth.

Students in Music, Commercial Branches, Stenography and Typewriting, and students in Art may take any Literary study by paying \$5.00 for one study or \$10.00 for two or more studies. Penmanship and Orthography are free.

BOARDING AND ROOMS

Boarding in Clubs can be had at about \$2.50 a week. Boarding at the College Club, \$22.50 for the term of ten weeks; For students of Pedagogy remaining less than ten weeks, \$2.50 a week. Colonial expenses, \$50.00, including all room and boarding expenses, save personal laundry.

THE EXPENSE ACCOUNT AT GROVE CITY COLLEGE FOR THE
SUMMER TERM OF TEN WEEKS, 1910

Table boarding, College Club.....	\$22.50
Furnished room, fuel, light and bath.....	8.00
Tuition and Hospital fee.....	20.50
Total.....	<u>\$51.00</u>

The above statement assumes that the student will board at the College Club, where table boarding is guaranteed at \$22.50 for the entire term of ten weeks.

It is worthy of note that the expenses of a student during the Summer term are less proportionately than the expenses of any other term. There are no special demands upon either time or money. During this session, Literary Club work and Athletics are suspended, and the student gives his entire time to study and recitation.

TEXT BOOKS

The following text books are used in the various classes of the Literary Department.

- Arithmetic—The Standard, Brooks.
- English Grammar—Maxwell.
- U. S. History—McMaster.
- Political Geography—Redway and Hinman.
- Physical Geography—Electric, Hinman.
- Algebra—New School Wentworth and College Wentworth.
- Algebra—Hull's Elementary.
- Geometry—Wentworth.
- Mechanical Drawing—Tracy, Anthony, Thompson.
- Trigonometry—Wentworth.
- Analytical Geometry—Wentworth.
- Descriptive Geometry—Church.
- The Calculus—Taylor.
- History of England—Walker.
- History of Greece—Wolfson.
- History of Rome—Wolfson.
- Mediaeval History—Robinson.
- Political Science—Leacock.
- Political Economy—Seligmond.
- Constitutional History of the United States—Thorpe.
- Physics—Millikan and Gale's First Course in Physics, Watson's Text Book of Physics, Franklin and MacNutt's Elemental Mechanics, S. P. Thompson's Electricity and Magnetism, Nichol's Laboratory Manual.
- Elementary Chemistry—Brownlee.
- First and Second Chemistry—Newell.
- Qualitative Analysis—Noyes.
- Quantitative Analysis—Lincoln and Walton.
- Physiology—Martin's Human Body, Advanced Course.
- Physiology—Elementary, Blaiskell's Practical Physiology.
- Astronomy—Young's Manual of Astronomy.
- Zoology—Colton.
- Botany—Leavitt's outline of Botany with Flora.
- General Biology—Lectures.
- Geology—Dana's Text Book of Geology.
- A Rhetoric—Gardner, Kittredge & Arnold.
- B Rhetoric—Spalding's Principles of Rhetoric.
- Advanced Rhetoric—Blaisdell.
- Anglo-Saxon—March.
- Trench on Words.
- Literature, lectures—Use of Author's own works.



WOLF CREEK AS IT PASSES THROUGH THE CAMPUS



CHAMPION BASE BALL TEAM 1909

Psychology, first term—The Senses and the Intellect, Baldwin.
 Psychology, second term—The Feeling and the Will, Baldwin.
 History of Philosophy—Schwegler.
 Logic—Jevon's
 Ethics—D'Arcy.
 Metaphysics—Bowne.
 Theism—Bowne.
 Latin Grammar—Allen & Greenough.
 First Year Latin—Collar and Daniell.
 Terence—Nicholson.
 Cicero—Allen & Greenough.
 Caesar—Allen & Greenough.
 Virgil—Allen & Greenough.
 Latin Composition—Bennett.
 Tacitus—Ginn & Co.
 Livy—Allen & Greenough.
 Horace—Ginn & Co.
 De Senectute et Amicitia—Chase & Stuart.
 Ovid—Ginn & Co.
 Latin text books used are largely from Ginn & Co.
 First Greek Book—White.
 Goodwins' Greek Grammar Revised.
 Anabasis—Harper & Wallace.
 Homer's Iliad—Ciapp.
 Plato's Apology and Crito—Dyer.
 The Prometheus of Aeschylus—Wecklin & Mather.
 Demosthenes de Corona—D'Ooge & Tyler.
 Thucydides—Fernald.
 Greek Composition—Bonner.
 Greek Testament—Westcott & Hort.
 1st year German—Spanhoofd Lehrbuch, Joynes & Meissner Grammar.
 German Composition—Wesselhoeft.
 German Conversation—Moser.
 Der Zerbrochene Krug—Zschokke.
 Die Nonne—Baumbach.
 2d year German.
 German Literature—Moore, Franke History of German Literature.
 German Composition—Pope.
 Immensee—Storm.
 Eingeschneit—Frommel.
 Der Schwiegersohn—Baumbach.
 Hoher als die Kirche—Von Hillern.
 April Wetter—Arnold.
 William Tell—Schiller.
 Die Journalisten—Freitag.

3d year German.

German History.

Soll und Haben—Freytag.

Frau Sorge—Sudermann.

Hermann und Dorothea—Goethe.

Jungfrau von Orleans—Schiller.

Iphigenie—Goethe.

4th year German.

Dichtung und Wahrheit—Goethe.

Faust, Part I—Goethe.

Nathan der Weise—Lessing.

Die Verlorene Handschrift—Freytag.

Ekkehard—Scheffel.

5th year German.

Wallenstein—Schiller.

Faust, Part II—Goethe.

Der dreissigjährige Krieg—Schiller.

First French—Francois.

French Grammar—Fraser & Squair.

Second French—The Conversation Method, Gastineau.

Third French—The Conversation Method, Gastineau.

Fourth French and Advanced Classes—Halevy's *L'Abbe Constantin*,
Lamartine's *Scenes de la Revolution Francaise*, Corneille's *Le Cid*, Duval's
Historie de la Litterature Francaise, Victor Hugo's *Hernana*, Bronson's
Every Day French, etc.

Spanish—Edgren's *Spanish Grammar* and Pinney's *Spanish and English
Conversation Book*.

GENERAL INFORMATION

LOCATION

Grove City College is located at Grove City, Mercer county, Pa., on the Bessemer and Lake Erie Railroad. It is a town of about three thousand inhabitants, and is in every respect an ideal college town. The railroad connections with leading trunk lines of the East are excellent. The Bessemer & Lake Erie R. R. makes connections with the Pennsylvania, the Pittsburgh & Western and the B. R. & P. at Butler; with the Pennsylvania at Mercer; with the New York, Lake Erie & Western and the Erie & Pittsburgh at Shenango; with the Lake Shore and the Nickel Plate lines at Osgood and Wallace Junctions, respectively. There are five daily trains to Pittsburgh and four to Erie.

The college is an undenominational, Christian College. The Board of Trustees and the Faculty of Instruction are composed of Christian men of various evangelical denominations. Presbyterian, United Presbyterian, and Methodist Episcopal students largely compose the student body, and from the college go out yearly many young men and women to engage in Christian work under the auspices of these various denominations. More young men enter the Gospel ministry from this institution than from any other college in the State. The patronage which the college receives is largely from Pennsylvania, New York and Ohio, though often many different States are represented by those in attendance.

GROVE CITY

Grove City is distinctively a college town. In beauty and healthfulness of location it is certainly unexcelled in the State. At an elevation of 1,300 feet above sea level, with pure water from the mountain sand, furnished by great artesian wells, and a complete system of sewerage, making it possible for its homes to have all modern conveniences, there is no other college town which offers greater advantages for the comfort and health of its students. Paved streets, fine flag walks, beautiful drives, and a thoroughly hospitable people, who open their houses for

the entertainment of students, make Grove City a beautiful and heartsome place for those seeking a college education.

GROUNDS AND BUILDINGS

The college campus embraces forty acres of land in the very center of the town well adapted to the needs of a large institution of learning. Divided into two parts by Wolf Creek, a broad, deep channel, which affords boating in the Summer and skating in the Winter, with fifteen acres of woodland on one side and twenty-five acres of unexcelled athletic and college grounds on the other, it is a varied and unusually beautiful piece of landscape. Within the past year a large amount of work has been done in the way of grading and beautifying the grounds with rare trees, shrubs, flowering plants and vines. The grounds are sewered throughout and everything is being done to render the place healthful and attractive.

Eight college buildings, together with a large hostel for ladies, provide ample accommodations for the work of the various departments of instruction.

ADMINISTRATION BUILDING—The Main College Building was erected in 1888 and is an imposing brick structure one hundred feet long, with a wing or annex, and is four stories high, with basement. This building provides halls for the four literary societies, a chapel room, three laboratories—two for Chemistry and one for Botany and Biology, together with recitation rooms, offices, lavatories, bath rooms, etc.

RECITATION HALL—Recitation Hall is a fine brick structure and was erected in 1879. It contains, beside a beautifully furnished club room for the Music Department, six recitation rooms equipped with all appliances for the general work of the college, and the Art Studio.

MUSIC HALL—Music Hall was erected in 1895 of red pressed brick and blue Amherst stone, and contains, beside a gymnasium, bath rooms and lavatories for ladies, music auditorium and recitation rooms, twelve music rooms for practice. This building is equipped with a large number of pianos and general facilities for the purposes of a first-class conservatory of music.

LIBRARY BUILDING—Through the generosity of Mr.

Andrew Carnegie the college enjoys the advantages of a fine building furnished and equipped for library purposes. The building is of a most substantial character, being constructed of steel, Akron red pressed brick and blue Amherst stone. It is sixty by eighty feet, two stories high, with basement, and contains, in addition to a beautiful and commodious library and reading room, a well equipped gymnasium and a fine public auditorium for the uses of musicales, lectures and college entertainments.

SCIENCE HALL—Science Hall was erected in 1902 for the specific work of the Scientific Department, and more especially that of Mechanical and Civil engineering. It is a brick building two stories high, with basement, and contains recitation and draughting rooms, laboratories and shops for purposes of illustration and demonstration. Several thousand dollars' worth of physical apparatus have recently been added, consisting of the usual equipment for instruction in general physics, electricity, mechanics, hydrostatics, light, etc., and during this last college year purchase has been made of a large amount of physical apparatus, aiming at the filling in all the gaps of a full working equipment for experimental lecture purposes and for the fitting out of the new physical laboratory. Some especially valuable additions have been made in the way of dynamos, gas and steam engines, a complete X-Ray outfit, and in general a very full equipment of electrical appliances.

POWER HOUSE—Within the past year the boilers and steam furnishing apparatus have been removed from the Main College Building and installed in a separate Power House, with a generous equipment in boilers and every essential for the furnishing of steam heat for all the college buildings, as well as electric lighting. All the buildings are lighted with electricity.

COLONIAL HALL—The college hostel or ladies' dormitory, The Colonial, which was commenced in the Summer of 1903, is now thoroughly equipped to receive student guests. It is a very handsome and substantial building of colonial design. Built with a steel frame work, Akron red pressed brick and blue Amherst stone, it is one of the most substantial and beautiful

structures of the kind in Pennsylvania. It is finished in hard woods throughout and furnished in the very best possible way. It makes a home for college girls of unusual comfort and beauty. It contains, besides guest rooms for sixty students, parlors, dining rooms and every convenience of a first-class college hostel. The student rooms are arranged in suites of two, with a bath room for each suite, and on each of the four floors are single rooms, with baths for those who prefer the exclusive use of a bath. It is heated with steam and lighted with electricity and the furnishings are the very best, consisting largely of solid mahogany suites for the guest rooms and the very best body-brussels rugs, with everything else to accord.

The Colonial is under the immediate control of a lady principal or dean and is designed to provide not only a beautiful college home for the young ladies, but also social training and instruction in those matters which fit young women for usefulness and high social standing.

ADDITIONAL RECITATION ROOMS

The purchase of the United Presbyterian (brick) Church building and the grounds connected with it have added to the facilities of the College in the matter of new recitation rooms. This building will be remodeled and adapted to the interests of class recitation rooms. At least two additional, large lecture rooms will be provided by this purchase.

Other buildings will follow as the demands of the College will require.

College athletics in general have come in for their full share of consideration, and the commendable record the young men have made in inter-collegiate games and field sports shows that the college is rapidly taking rank with many of the best older institutions in this department. The gymnasium has been fitted up with the necessary equipments for indoor exercises, and the college athletic field, unexcelled at any institution of learning, makes it possible for every boy in the college to have his fair share of opportunity. Grove City College is regularly enrolled with the National Intercollegiate Association and is thoroughly identified with the movement for pure Athletics. No student is permitted to play on any of the college teams

who cannot qualify under the eligibility rules adopted by the National Intercollegiate Association and also by the League of Colleges of which this institution is a member.

We maintain all the facilities for both indoor and outdoor athletics. The college athletic grounds are among the best in Pennsylvania, embracing with fields for Baseball, Football, Lawn Tennis, also one third mile race track and a straight-away track of 220 yards. The institution cultivates every branch of outdoor athletics and holds meets here from time to time, Inter-Military Company Meets, Inter-Class Meets, and Inter-Collegiate Meets.

One of the interesting occasions of the last college year was the Inter-Scholastic Meet, in which 120 High School men participated. This Meet was preceded by an Oratorical Contest in which four High Schools contested for prizes,—gold, silver and bronze medals. In the Field Meet 120 High School men contested in the various features of the Field Meet for trophies,—silver cups, medals, etc. The Inter-Scholastic Field Meet for 1910 will be held on Saturday, May the 21st, to which Meet all High Schools in Western Pennsylvania are invited. On Friday evening, May the 20th, an Oratorical Contest will be held for the High Schools. All High Schools desiring to participate in either or both of these contests will notify the President of the College not later than May the 9th. The feats of the Field Meet will cover 50 yard dash, 100 yard dash, 220 yard dash, $\frac{1}{2}$ -mile run, $\frac{1}{4}$ -mile run, 1-mile run, 1-mile relay race, 2-mile race, 5-mile race, 440 yard run, running broad jump, shot put, running high jump, pole vault, hammer throw and discus throw.

Special announcements of this Meet will be sent to all the High Schools in ample time, so that arrangements can be made with those who desire to participate in these events.

LITERARY SOCIETIES

There are four well-sustained literary societies in the college—Webster, Shakespeare, Speedwell and Philokalian, the last two being organizations for ladies exclusively.

These societies have been in existence for upwards of

twenty years and are composed of the very best talent in the student body. Each society has its own literary hall, which is well furnished and equipped. These halls are furnished with rare elegance and taste.

The membership is limited in these societies and students prize very highly the privilege of becoming a member of one of them. Orations, declamations, debates, music, impromptu speeches, and friendly criticisms on matter and manner constitute the order of exercises.

THE SCHUBERT CLUB

Twelve years ago an organization was formed among the music students known as the Schubert Club. It bears the same relation to the Music Department that the other societies bear to the Literary Department. This society also possesses a very beautiful hall, handsomely furnished and equipped. The exercises are musical in character, consisting of piano and voice recitals, essays and discussions on musical themes, studies from operas, biographical sketches of composers, etc.

HOSPITAL ACCOMODATIONS

Largely through the instrumentality of the College a fine Hospital has been established in Grove City under most excellent management, where students who become seriously ill may be cared for. Special private rooms have been furnished at the expense of the College, which are available for students. A special Hospital fee is charged every student amounting to fifty cents for each term of the college year except the Winter term, when a fee of one dollar is charged. Students are cared for at the expense of this fund, being allowed at least \$40.00 for their Hospital expenses. During the last two sessions over \$200 were applied to the expenses of sick students. This provision of the College is in keeping with the practice of some of the Eastern schools, and is greatly appreciated by the student body, as well as by their parents.

RELIGIOUS INFLUENCES

College work is begun each day with devotional exercises. The morning chapel exercises are the most highly prized meet-

ings of the college. Both professors and students look forward with pleasure to the morning devotional exercises. Divine services are held once each Sabbath in the chapel, one of the professors preaching or conducting the services. Students and Faculty all attend these services.

College Prayer Meetings are held regularly during each session. These are general services for the college students and faculty.

The Y. M. C. A. and Y. W. C. A. are doing a good work in the College. These societies find an excellent field for their work in various forms of activity, such as Bible study, Mission study, personal work and neighborhood work.

In Bible study, plans have been made for the year 1909-1910 providing for fifteen study groups. These groups will be under capable student leadership and will meet every Sunday morning as in the past at nine o'clock. The work in these groups is arranged so that men and women enrolled last year will not follow the same course of study this year. The first year groups will study "The Life of Jesus Christ," Dean Bosworth's text. The advanced groups will take up new studies in the Acts by Dean Bosworth. The Mission classes will pursue such courses of study as H. P. Beach's China—"The Dawn on the Hills of Tang," "India and Christian Missions," by H. P. Beach and Dr. Strong's "Challenge of the City." These groups will also be conducted by student leaders.

Some neighborhood work will be taken up of a missionary character at various points near Grove City.

STATEMENT OF EXPENSES

It is the aim of the college authorities to keep a college education within the reach of students of limited means. Students are encouraged in matters of economy. The young men usually board in clubs or on the co-operative plan. Many young ladies also board in this way. The cost of table boarding in the average co-operative club is \$2.50 a week. Rooms in private homes, completely furnished and kept, rent at \$15.00 a college term. Two students occupy the room, thus making the rent \$7.50 each for the term. This does not include fuel and light.

With fuel and light the rent does not exceed \$10.00 per term for each student. The College Club, under the auspices of the College, furnishes substantial table boarding at \$27.00 for each regular college term. This makes an average of \$2.25 a week. This price is guaranteed.

The Colonial, the beautiful college dormitory for young women, is an ideal place. It is without doubt the finest dormitory for young women in Pennsylvania and most beautifully conducted. Room and boarding at The Colonial are furnished at \$60.00 for each of the three regular college sessions, or \$180.00 for the college year of three terms. During the Summer Session, which lasts ten weeks, the entire cost of room and boarding at the Colonial is \$50.00.

Rooms at the Colonial are furnished each with a body brussels rug, two iron beds, with bedding, a large dresser, a study table and four chairs, and the windows with screens and blinds. Each bed is furnished with springs, mattress, blankets, a comfortable, a pillow, and counterpane. In each room also are found two closets, one for each girl occupying the room, with chiffonier for each closet. Each girl is expected to furnish the sheets and pillow cases for her own bed, also necessary towels. Those who desire curtains on their windows furnish their own curtains. Napkins for dining room use are furnished by the institution.

The College launders all towels and bed linen, but the personal linen of each girl is done at her own expense, either at The Colonial or elsewhere. Admission blanks for those wishing boarding at The Colonial will be furnished on application.

TUITION

The tuition at this institution is less than at almost any other college in Pennsylvania, inasmuch as the college charges no matriculation fee and very few laboratory fees. There is no fee in any subject except Chemistry, Physics, Biology and Surveying, in which a small fee is charged for the use of materials and the apparatus. No fee is charged the ladies for Physical Culture, and no gymnasium fee for young men will be charged. When a student pays his tuition at the beginning of each ses-

sion, he understands that there are no after charges to be made, except in Chemistry and Surveying for which the fees are \$3.00, Mechanical Draughting, \$5.00, and in Physics and Biology, for which the fees are \$2.00. Tuition in Literary Department is \$20.00 for each college term, with fifty cents for Hospital fee for each term except the Winter term when the Hospital fee is \$1.00. Instrumental Music is \$25.00 a term under Dr. Poehlmann or Prof. Mehner, (\$18.00 under assistant teachers), Voice Culture \$25.00 a term, (including instruction in French, German, or Italian, \$30.00), Model students in Music Department \$3.00 a term. The rates in Piano and Voice cover the cost of instruction for private students in these subjects. The work is not limited to two lessons a week, and in both Piano and Voice students receive from three to five lessons a week, especially during the first and second months of each term. With this new departure in the Music Department less tuition is charged for the instruction given than formerly. Music students wishing to take work in the Literary Department may do so by paying \$5.00 additional for one Literary subject or \$10.00 for two or more subjects. Stenography is \$20.00 a term. Typewriting, first term, with use of machine, is \$10.00. Typewriting, second term, with use of machine, is \$5.00.

Athletic fee, \$1.00 for ladies, and \$2.00 for gentlemen.

For Music rates in general see Department of Music.

For rates in Art see Art Department.

For Engineering rates see Engineering Department.

THE FOUR TERMS SYSTEM

The authorities of the College a year ago adopted the Four Terms System for this College, so that from now on the College will be open for forty-six weeks in the year, viz., three terms of twelve weeks each and one term of ten weeks. The last is known as the Summer Term. It is confidently believed that as much can be accomplished in the ten weeks' Summer Term as in any one of the other college sessions, in as much as during this time literary club work and athletics are suspended, and students give their entire attention to study and recitation. The design of this Fourth Term is to meet the wants of teach-

ers and many others engaged for much of the year in teaching and other employments. Many teachers who teach for seven months in the year can come for both Spring and Summer terms and thus cover two-thirds of the college year during the Spring and Summer yearly. It is not expected that many will endeavor to take their degree in three years by continuous attendance for four sessions in the year. This is not the intent of this innovation in college work. The purpose is rather to give an opportunity to men and women who are working their way through college to get full college credits for the work done in the Summer term. It is believed that this opportunity will be hailed as a great boon by many earnest young men and women.

SPECIAL NOTE

Students who are addicted to the use of cigarettes are not received, nor permitted to remain at this institution. It has long been the requirement of the College that those using tobacco must refrain from its use on the campus of the College.

HONOR SCHOLARSHIPS

The College adheres to its main purpose, notwithstanding the many allurements which the scientific tendencies of the day have for the average college. This College is devoted to the humanities and to the promotion of increased interest in classical studies. It is probable that more men and women take Latin and Greek as major linguistic studies at this institution than at any other college in Pennsylvania. As a means of still further increasing this interest the college authorities recently provided for five honor scholarships in the Classics, available in the Junior and Senior years for honor students, and each paying one hundred and sixty dollars per annum. Two of these scholarships have already been awarded to men who have met the honor requirements in Latin and Greek. These two scholarships have been awarded to in-coming Seniors. Three are yet to be awarded this year.

COLLEGE ROSTER

COLLEGIATE DEPARTMENT

POST GRADUATES

FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

Bryan, Prof. W. S.,	Carnegie
Bolton, Rev. John,	Wheeling, W. Va.
*Barlett, Rev. S. H.,	Braddock
Bleakney, Rev. W. H.,	Pendleton, Oregon
Bennett, Rev. S. H.,	Nashville, Michigan
Boyd, Rev. Arthur M.,	Coraopolis
Brocius, Rev. P. T.,	Frackville
*Bowman, Prof. Roscoe,	Grove City
Brandon, Rev. W. J.,	Grove City
Caldwell, Rev. J. C.,	McDonald
*Crawford, Rev. Frank W.,	Turtle Creek
Dickey, Prof. C. E.,	Avalon
Davies, Rev. J. A.,	Pachuca, Mexico
Engle, Rev. James W.,	Terra Alta, West Virginia
Edwards, Rev. R. H.,	Meadville
Fellers, E. D.,	St. Marys, West Virginia
Fowler, Rev. George,	South Port, England
Green, Supt. Clyde C.,	New Brighton
*Gaehr, Rev. Theophilus J.,	Erie
Gibson, Rev. Z. Montgomery,	Roxborough, Philadelphia
Gibson, Rev. Leonard B.,	St. Stephen, New Brunswick, Can.
Goodwin, Herman W.,	Bracketville, Texas
Hostetter, J. M.,	Renova
Haberly, Rev. Adolph,	Coquille, Oregon
Hensley, Rev. L. B.,	Oakland, Maryland
Hand, Rev. Howard,	Frackville
Heltzel, Rev. Robert N.,	Gettysburg
Heeter, Supt. Norman E.,	Clarion
Hatfield, Rev. J. H.,	Columbus, Ohio.
Karns, Rev. W. Emerson,	St. Marys
Millington, Rev. H. C.,	Bemus Point, N. Y.
Mitchell, Rev. Alexander,	Providence, R. I.
*McMaster, Rev. W. H.,	Blairsville
Morrison, Rev. Allen,	Milton, North Dakota
Murch, Rev. F. B.,	Greenwich, N. Y.
Nims, F. A.,	Nevada, Iowa
*Overs, Rev. W. H.,	Brockton, N. Y.
Perkins, D. H.,	Showhegan, Maine
Perkhiser, Miss Lillian,	Nevada, Iowa

Powers, Prof. Frank H.,
 Phillips, Rev. A. B.,
 Poling, Rev. Daniel,
 Paterson, George,
 Powell, Rev. A. C.,
 Rosengrant, Rev. E. J.,
 Renall, Rev. A. C.,
 Reed, Rev. W. A.,
 Sanner, Rev. N. H.,
 Strothard, George W.,
 Stephens, Prof. J. W.,
 Smead, Rev. E. M.,
 Small, Rev. W. J.,
 Smith, Prof. W. J.,
 Turney, Prof. Omar A.,
 Wozencraft; Rev. W. O.,
 *Welsh, Rev. J. M.,
 Wilkinson, Rev. L. S.,
 Winner, Prof. Harry E.,
 Willock, Rev. James Henry,
 Wolford, Prof. C. H.,
 White, Rev. H. C.,
 Wylie, Rev. A. W.,
 *Zahniser, Rev. Charles R.,

Ladies, 1; Gentlemen, 62; Total, 63.

*Graduates.

McKees Rocks
 Erie
 Canton, Ohio
 Cape Town, South Africa
 Marian Center
 Cazenovia, N. Y.
 St. Petersburg
 Wilkinsburg
 Ligonier
 Sinclairsville, N. Y.
 Toronto, Canada
 Union City
 Conneautville
 Coatesville
 Phoenix, Arizona
 Columbus, Ohio
 Indiana
 Pittsburg
 Pittsburg
 New York, N. Y.
 DuQuesne
 Rock Valley, Iowa
 Pittsburg
 Pittsburg

GRADUATES

SENIOR CLASS

Bolander, Verna,	ph b	Grove City
Ballintine, Oscar P.,	ph b	Millvale
Berlin, Freda,	ph b	Knox
Bovard, Cecil Cleveland,	ph b	Grove City
Braham, William J.,	ph b	Grove City, R. D.
Brown, J. Winter,	ph b	Grove City
Campbell, Delphia,	ph b	Grove City
Campbell, Bernice,	a b	Petrolia
Christler, Charles Morrison,	a b	Murdocksville
Clutter, Oswin R.,	ph b	Wind Ridge
Crider, Charles E.,	ph b	Endeavor
Cook, Frank J.,	b s	Springboro
Dodds, Harold Willis,	a b	Grove City
Hamilton, Mabel Pauline,	ph b	Canonsburg
Hawk, Wilbur D.,	a b	New Kensington
Hutchman, Howard B.,	ph b	Wildwood

Hunter, J. Norman,	a b	Grove City, R. D.
Headland, Howard Lonsdale,	a b	Mars, R. D.
Hutchison, George,	a b	Butler
Jaquish, Orrin, W.,	ph b	Mansfield
Johnston, Verne D.,	b s	Grove City
Johnston, Margaretta,	ph b	Edgewood
Kerr, Pearl,	ph b	Grove City, R. D.
Kennedy, Julia,	ph b	Grove City
Kingsley, Floyd D.,	ph b	Townville
Kingsley, Thomas E.,	ph b	Townville
King, Mabel,	a b	North Washington
Koontz, Norman C.,	a b	Indiana
Lace, Walter J.,	ph b	Vandergrift
Lawrence, Frank A.,	a b	Grove City
Lent, Philip J.,	a b	Mansfield
Mechling, Mabel Lee,	ph b	Grove City
Mitchell, Cora E.,	b s	Mahaffey
Morris, Miles G.,	ph b	Hazen
McBride, Milford L.,	ph b	Grove City
McCoy, Alice,	ph b	Grove City
McCullough, Charles Campbell,	ph b	Butler
McCullum, Hugh,	ph b	Texarkana, Ark.
Maitland, Harold,	b s	Marcus Hook
McCoy, T. Friend,	ph b	Grove City
McConkey, F. Paul,	a b	Grove City
McWilliams, John Rose,	ph b	Edinburg, R. D.
Pearce, Margaret Lois,	ph b	Grove City
Peffer, Luverne H.,	ph b	Groue City
Rutherford, John W.,	ph b	Sligo
Schaller, Annie Laurie,	ph b	Clark
Stevens, Florence,	ph b	Oil City
Shearer, Horace F.,	a b	Ford City
Traugh, George Holton,	a b	Donora
Wiant, Meade,	b s	Rimersburg
Wiegeling, Natelie,	ph b	Elyria, Ohio
Wilson, Marion,	ph b	Beaver
Wilson, Elizabeth,	ph b	Grove City
Ladies, 19 ; gentlemen, 35. Total, 54.		

JUNIOR CLASS

Acheson, G. Ellsworth,	Pittsburg
Black, Harry M.,	Grove City
Barbor, Robert Linus,	Grove City
Cribbs, George Arthur,	Grove City
Cochran, Charles W.,	Dayton

Daubenspeck, Clem R.,
 Eakin, Paul Anderson,
 Fleming, Nora Emelia,
 Frantz, George Arthur,
 Fogelsanger, Samuel E. El.,
 Hammond, Josephine,
 Johnston, Samuel L.,
 Johnston, C. Garman,
 Long, Floy,
 Lechner, Rosa,
 Moore, Bertha,
 Miller, J. Milroy,
 Wilson, Ashley Sumner,

North Washington
 Grove City
 West Sunbury
 Penn Run
 Shippensburg
 McCook, Neb.
 Burgettstown
 North Jackson, Ohio
 Fresno, Cal.
 Tioga
 Oakdale
 McKeesport
 Calcutta, Ohio

Ladies, 5 ; gentlemen, 13. Total, 18.

SOPHOMORE CLASS

Bartholomew, Archie Randal,
 Benade, J. Martin,
 Campbell, Hubert,
 Cowen, Irene,
 Coventry, James Rankin,
 Dayton, Joseph Elmer,
 Daubenspeck, Fred,
 Drake, John F.,
 Howe, Edward Carl,
 Herr, Joseph,
 Imbrie, T. Delos,
 Jamison, John Calvin,
 Ketler, Frank Courtney,
 Lefler, Victor B.,
 Lefler, Max R.,
 Mitchell, James Francis,
 Maxwell, Helen,
 Mitchell, Cora L.,
 Miller, T. Parsons,
 McCormick, Wilbur E.,
 McKinney, Grace,
 Niece, Helen,
 Owens, Grace,
 Shaffer, Harry L.,
 Smith, Grace E.,
 Smith, Guy R.,
 Tait, Leo Leslie,
 Terwilliger, Wm. C.,
 Vail, Helen Julia,

Grove City
 Big Run
 Fredonia
 Dayton
 Burgettstown
 Birchardsville
 North Washington
 Slippery Rock
 Scotch Hill
 Petrolia
 Harrisville
 Eau Claire
 Grove City
 Seely Creek, N. Y.
 Waverly, N. Y.
 Eau Claire
 Grove City
 Cambridge Springs
 Clarion
 Sharpsville
 Franklin
 Grove City
 Manchester, Ohio
 Latrobe
 Cabot
 Heathville
 Fredonia
 Parkers Landing
 New Bedford



FIELD MEET



INTER-COLLEGIATE—RELAY RACE—GROVE CITY A WINNER

Wilson, Nodie Bryson,	Calcutta, Ohio
Wallace, Mary Melissa,	Mercer
White, Ralph G.,	Ramey
Young, Myrtle,	Grove City
Ladies, 10; Gentlemen, 23; Total, 33.	

FRESHMAN CLASS

Archer, Robert L.,	Dunns Station
Axtell, Sarah L.,	Coal Center
Black, Homer E.,	Grove City, R. F. D.
Butler, Rock Leroy,	Kress
Campbell, Cassius H.,	New Castle
Clark, James Edward,	Elderton
Conner, Edgar H.,	Grove City
Cloos, Ira H.,	Little Marsh
Chaney, Mary L.,	West Alexander
Cook, Millie,	McKeesport
Cunningham, Effie,	Burgettstown
Cleland, Thomas Raymond,	New Castle
Dann, Arthur J.,	Mansfield
DeRoque, Clara,	Coudersport
Dodds, LeRoy,	Grove City
Dorr, John,	Grove City
Esch, Martha A.,	Franklin
Fitzgerald, William R.,	Manorville
Gudekunst, Edward,	Zelienople
Gensbigler, Walter A.,	Butler
Hassler, Jacob P.,	Grove City
Hasselback, Fred,	Falls Creek
Heckert, Robert Leonard,	Bakerstown
Henry, Edgar S.,	Apollo
Haight, Walter S.,	Mansfield
Hoover, Eva Pearl,	Meyersdale
Jenkins, John C.,	Girard
Jones, Beatrice,	Baden
Johnston, Hilda,	Stoneboro
Jackson, Frank Staples,	Big Run
Jaquish, Elvin W.,	Mansfield
Kelso, Jennie,	Brookville
Kelly, Ferdinand,	Kittanning
King, J. Earl,	North Washington
Kiskaddon, Wilmina,	Grove City
Love, Duncan Walker,	Falls Creek
Lawther, Leroy,	Apollo
Laing, John C., Jr.,	Donora

Locke, Wm. J.,
 Lefler, Verne M.,
 Maharg, Mark B.,
 Myers, Adelaide,
 Mahan, J. Clay,
 Montgomery, Jean D.,
 McConnell, James C.,
 McClymonds, Ira Henderson,
 McAninch, Chelcie,
 Nesbit, Dean,
 Paxton, Margaret,
 Pizor, Plummer,
 Reiter, Ralph,
 Siverling, Arthur G.,
 Stull, John W.,
 Sullivan, Elinore,
 Simons, Roscoe Ralph,
 Strock, Harriett,
 Shumaker, Frank Lebbeus,
 Smith, Merrill L.,
 Tormey, Thomas D.,
 Thompson, Mary Lucile,
 Wilson, Hazel,
 Wasson, William Ward,
 Wick, George D.,
 Winter, Thomas A.,

Grove City
 Seely Creek, N. Y.
 Renfrew
 Grove City
 Creekside
 Grove City
 Grove City
 Slippery Rock
 Lamartine
 Butler
 California
 North Washington
 Unity Station, R. F. D.
 Cambridge Springs
 Roaring Branch
 Wellsboro
 Clarks Mills
 Baden
 New Castle
 Townville
 Arnot
 West Liberty
 Grove City
 Grove City
 Harrisville
 Westfield

Ladies, 19; Gentlemen, 45; Total, 64.

PREPARATORY DEPARTMENT

Allen, Margaret Robertson,
 Allison, Cline DeWitt,
 Allen, A. Melville,
 Blair, Bertha E.,
 Booth, Flora M.,
 Bryner, Jessie,
 Byers, Edgar M.,
 Bauman, Ora Mae,
 Beck, Xopher,
 Campbell, Clyde W.,
 Campbell, Myra L.,
 Cornelius, James A.,
 Crouse, Charles C.,
 Dickson, Frank W.,
 Fisher, Raymond E.,
 Gustafson, John, Jr.,

Natrona
 Eau Claire
 Grove City
 Parkers Landing
 West Alexander
 Shippensburg
 Mt. Pleasant
 Mance
 Huntingdon
 Rouseville
 Academy Corners
 Crafton
 Stahlstown
 Uniontown
 Skidmore
 Stoneboro

Gemmill, Walter E.,
Gibson, Jesse G.,
Gibson, Lloyd C.,
Gibson, Mary,
Houk, Clyde,
Herlinger, Harry V.,
Hogoboom, Roy,
Harbison, Robert L.,
Hartsuff, Clara,
Hamilton, Mary E.,
Hartzell, Elmer W.,
Holt, Hettie Linda,
Harrison, Lila C.
Heilman, Cyrus M.,
Hamilton, Mary,
Jones, M. Rae,
Jamison, Beulah Belle,
Kightlinger, Earl Jacob,
Kunselman, Wm. E.,
Keister, W. P. Humes,
Kiskaddon, Walter W.,
Lash, Henry M.,
Lewis, James M.,
Lawrence, J. Paul,
Law, Aura,
Logue, Milo,
Love, Albert A.,
Miller, Anna Rosalie,
Miller, Fred L.,
Milliron, Elizabeth G.,
Moss, Joseph,
Masters, Harry,
Martin, Dean W.,
Morrow, John,
Moreno, Narciso,
Marks, Howard M.,
Marshall, Floyd R.,
Metzger, Raymond J.,
McDowell, Caroline,
McCullough, Charles L.,
McAninch, Malcolm G.,
McCoy, Ira D.,
McCullough, Sylvester D. B.,
Nece, John K.,
O'Donnell, Lee Irvin,

Sharpsville
Grove City
West Alexander
Livermore
Wampum
Indiana
Albion
Tarentum
Wampum
Canonsburg
New Castle
Brockwayville
Natrona
Kittanning
Parnassus
Rockdale Mills
Eau Claire
Harrisville
Reynoldsville
Export
Grove City
Yohoghany
Osceola Mills
Grove City
Punxsutawney
Parkers Landing
McDonald
East Brady
Brockwayville
Euclid
West Alexander
Centerville
New Castle
Bakerstown
East Northfield, Mass.
Callery
Bakerstown
Etna
Grove City
Eagleville, O.
Lamartine
Emlenton
Chicora
Fairview
Butler

Purnell, Walter B.,
 Parke, Delos H.,
 Roberts, Floyd,
 Rutledge, James C.,
 Reiter, Isabelle,
 Sands, Florence,
 Sewell, Jeannette D.,
 Steffen, Clement I.,
 Steffey, Charles, I.,
 Seel, Edward G.,
 Smith, Laure E.,
 Stewart, S. Mertz,
 Swank, Roland M.,
 Stewart, Harry H.,
 Stewart, John P.,
 Smith, Logan, Jr.,
 Tobin, Mabel,
 Thomas, Robert Bryan,
 Thompson, Joseph S.,
 Thompson, Raymond,
 White, Edwin C.,
 Whitehill, Dean W.,
 Willis, L. Stanford,
 Willard, L. Arthur,
 Walker, Foster W.,
 Watson, Alexander, P.,
 Weigle, Rose Ella,
 Wilhelm, Edith Emma,
 Wilson, Caroll,
 Woods, Clyde A.,
 Woodburn, Wm., Jr.,
 Yaple, John O.,

Ladies, 25; Gentlemen, 68. Total, 93.

IRREGULAR AND UNCLASSIFIED

Acher, Howard M.,
 Austin, William Leroy,
 Azdell, Bertha M.,
 Andrews, Dora,
 Adams, Thomas M.,
 Adams, Lytle W.,
 Andrews, David C.,
 Beatty, Minnie,
 Buchanan, A. Moore,
 Barnes, Clyde,

Polk
 Livermore
 Braddock
 Livermore
 Unity Station
 East McKeesport
 Walnutport
 Natrona
 Livermore
 Etna
 Sligo
 Emlenton
 Leechburg
 Apollo
 Manorville
 Falls Creek
 Brockwayville
 Parkers Landing
 Keister
 New Wilmington
 Philadelphia
 Hookstown
 Cape May Court House, N. J.
 Apollo
 McKeesport
 Shippensburg
 Monaca
 Myersdale
 Beaver
 McDonald
 Shippensburg
 Waterford

Grove City
 Ambridge
 East Liverpool, Ohio
 Union City
 Raymilton
 Penn Run
 West Newton
 Butler, R. F. D. No. 2
 Hookstown
 Jackson Center

Brown, James S.,
 Boone, Odis V.,
 Billhimer, Frank W.,
 Baird, Jesse,
 Barnes, Mary,
 Boucher, S. Doid,
 Berger, Chester R.,
 Binkey, Enna Elizabeth,
 Banks, Frank A.,
 Baldwin, Carl Reed,
 Bartholomew, Park W.,
 Bennett, Hiram,
 Borden, Eloise,
 Brandon, Loyal Jamison,
 Brant, Noss D.,
 Breese, Goldsmith W.,
 Brown, Nell I.,
 Brookfield, Inez,
 Burrows, Mrs. J. R.,
 Casanova, Carlos,
 Chandler, Opal,
 Clements, Mary T.,
 Clark, Wm. A.,
 Cochran, George W.,
 Coleman, George S.,
 Compton, Bernice Elma,
 Conway, Nora,
 Coulter, Byron,
 Coulter, Virginia,
 Counselman, Frances,
 Cross, Charles B.,
 Craig, Neal A.,
 Covert, Alice,
 Carothers, Mary Bruce,
 Crane, Howard W.,
 Comer, Belle,
 Cribbs, Cynthia,
 Case, Chauncey C.,
 Campbell, Elizabeth M.,
 Campbell, Floyd L.,
 Campbell, Margaret R.,
 Campbell, Margaret Isabel,
 Davis, Lawrence L.,
 Davis, Anna May,
 Dentler, William J.,

Ellwood City
 Coalport
 Ruffsedale
 Grove City
 Jackson Center
 Love Joy
 Rimersburg
 Youngstown
 Kittanning
 New Castle
 Grove City
 Rexville, N. Y.
 Wellsboro
 Connequenessing
 Stahlstown
 Prosperity
 Bradford
 Smithfield, West Virginia
 Grove City
 Colon, Cuba
 Grove City
 Oakmont
 Elderton
 Duncansville
 Pittsburg
 Rouseville
 Sharpsville
 Butler
 Grove City
 Short Creek, West Virginia
 East Springfield
 Albion
 Portersville
 Grove City
 Canonsburg
 Waterford
 Livermore
 Hartstown
 Albion
 Petrolia
 Ford City
 Shay
 Homestead
 Taylorstown
 Milton

Dinsmore, Mattie,	West Finley
Downs, Ethel,	Greenville
Duncan, Anna,	Alverton
Dennison, John C.	Coal Glen
Dressler, Edward H.,	Braddock
Edie, Katherine,	East Brook
Eakin, Clifford,	Grove City
Egan, Francis D.,	McKeesport
Ekas, Marguerite,	Natrona
Emery, Bessie,	Mercer
Edwards, Robert, M.,	East Pittsburgh
Edwards, Viers D.,	Braddock
Fleming, Sarah I.,	West Sunbury
Fast, Ira E.,	Smithfield
Fleming, James R.,	Peale
Fleming, Anderson,	Dayton, R. D. No. 3
Forsythe, William D.,	Millvalle
Forsythe, Paul,	Monongahela
Gailey, Samuel,	Williamsburg
Geyer, Grover Cleveland,	Carrick
Gillespie, Esther,	Rayland, O.
Gilson, Sara,	Blairsville
Goodwin, Frank W.,	Kittanning
Goodrich, Donna,	Edinboro
Graham, Laura D.,	Carnegie
Griffen, Ethyl,	Emlenton
Guy, Clara E.,	Ellwood City
Harris, Clarence,	Verona
Henderson, Samuel C.,	Shippingport
Hall, Maude,	West Punxsutawney
Halstead, Burdella,	Cabot
Hawthorne, John D.,	Mercer
Haun, Alice,	Grove City
Hesselgesser, Anna,	Grove City
Holben, Malvin E.,	New Maysville
Hyatt, Emerson M.,	Wilcox
Hughes, E. Mae,	Blossburg
James, Edgar Thompson,	Homestead
Johnston, Elizabeth Moffitt,	Sheridanville
Jones, Allen W.,	Wellsboro
Kearney, Harry M.,	Brockwayville
Kellogg, Amy C.,	New Haven, Conn.
Keirn, Reuel Emerson,	Barnesboro
Kelly, Virginia,	Grove City
Kelly, Oakley,	Grove City

Kinder, Florence,
 Killian, E Edward,
 King, Leona,
 Kelly, Orrie C.,
 Lamb, Levi L.,
 Leshner, Eva M.,
 Love, Thomas R.,
 Littlefield, Katie,
 Longwell, Lillian,
 Laird, Will H.,
 Lewellyn, Frank B.,
 Lesser, Harold Dunham,
 Lewis, Ruth Charlott,
 Lewis, Kathrine,
 Lynn, John H.,
 Lowary, Margaret M.,
 Lyle, David W.,
 Martin, Mary,
 Martin, Marie,
 Messenger, Lucy,
 Meyer, Charles Claude,
 Michael, Fred. C.,
 Miller, Gertrude,
 Montgomery, Besse B.,
 Mollenauer, Gertrude,
 Mowary, Walter C.,
 Morrow, J. Andrew,
 Myers, Palmer N.,
 Murchland, Eliza M.,
 Matthews, Jean,
 Metzger, Iva M.,
 Meade, Mary B.,
 Montero, Anselmo,
 Miller, Mary F.,
 Morey, Benjamin H.,
 Mollenauer, Clara,
 May, Earl C.,
 Mannix, Joanna,
 McKaraher, C. Gethen,
 McWilliams, David B.,
 McClune, Effie L.,
 McMillan, Elesta,
 McClelland, Alfred L.,
 McCord, Earl J.,
 McCutcheon, Genevieve,

Grove City
 Pittsburg
 Grove City
 Saltsburg
 California
 Transfer
 New Florence
 Coudersport
 Grove City
 Avoca
 Masontown
 Warren
 Pittsburg
 South Sharon
 Amity, R. D. No. 3
 New Brighton
 Burgettstown
 Grove City
 Wellsboro
 Donora
 Grove City
 Fairview
 Emlenton
 Grove City
 Eighty-four
 Benezette
 Camptown
 McKeesport
 Hanlin Station
 Cramer
 Shippensville
 Curwensville
 Colon, Cuba
 Butler
 Hazen
 Eighty-four
 Wattsburg
 Arnot
 Philadelphia
 Mifflinburg
 Ford City
 Mercer R. D. No. 3
 Grove City
 Grove City
 Grove City

McCord, Mrs. Kathrine,
 McKee, James L.,
 McQuown, J. Roe,
 Nelson, Claude A.,
 Newman, D. Frank,
 Neal, Alice,
 Orr, Kit Carson,
 O'Conner, Lawrence J.,
 Parker, Mary,
 Parsons, Pauline,
 Patterson, Helen,
 Phillips, Arthur W.,
 Porter, Bessie,
 Price, Lulu E.,
 Pierce, James F.,
 Porter, Bertha,
 Patterson, Harry D.,
 Procius, Twila M.,
 Pherrin, Dolores,
 Radcliff, Ralph,
 Ramsey, George Garfield,
 Reidy, Mathilda M.,
 Rhodes, Bertha,
 Russell, Frances M.,
 Russell, Nettie A.,
 Russell, William Proudfit,
 Richey, Kenneth D.,
 Rankin, Wallace,
 Reed, Joanna,
 Ralston, Charles E.,
 Renick, Hugh D.,
 Ross, Estelle,
 Scofield, Mrs. Isabella,
 Seitz, George C.,
 Sexton, Rachel,
 Schellenberger, William E.,
 Shoemaker, Frank Leslie,
 Shields, Robert J.,
 Shiras, Kenneth L.,
 Shumaker, Emma,
 Shrontz, Gayman,
 Smith, Nellie C.,
 Sprowls, I. Newton,
 Snyder, Ross A.,
 Speer, Bertha,

Wellsville, Ohio
 Kittanning
 Lumber City
 Rimersburg
 Lakewood, N. J.
 Pulaski
 Greenville
 Butler
 Boyers
 West Punxsutawney
 Mercer
 Emlenton
 Sheakleyville
 Bellevue
 Yohoghany
 Hadley
 Enon Valley
 New Bethlehem, R. D. No. 5
 Erie, R. D. No. 8
 Pittsburg
 Jeannette
 Coudersport
 New Castle
 Duke Center
 Duke Center
 Imperial
 Diamond
 Saxonburg
 Rouseville
 Butler
 West Sunbury
 Coal Glen
 Blossburg
 Kittanning
 Poland, Ohio
 Lock Haven
 Ellwood City
 Delmont
 Pittsburg
 New Bethlehem
 Anita
 Grove City
 Hazard
 Wilcox
 Oakdale



THE COLLEGE BAND



THE CHAMPION RELAY TEAM 1909

Snyder, Alfred M.,	Cooperstown
Stewart, W. Dwight,	Vandergrift
Stewart, M. Virginia,	Tiona
Straitiff, Charles H.,	Anita
Stroud, Agnes,	Ironia, N. J.
Summerville, William David,	Brookville
Summerville, Warren James,	Brookville
Schwab, T. R. Van,	Stahlstown
Sharp, Alma,	Murraysville
Sharp, Hilda,	Murraysville
Selby, J. Alexander,	Claysville
Shaw, Aber,	Mamont
Scholl, Edgar C.,	Elizabeth
Sharpe, Raymond G.,	Pittsburg
Sample, Harold J.,	Sharpsville
Sandles, Marie,	Clarksburg
Sherbondy, George A.,	Ruffsdale
Smith, Grover C.,	East Brady
Thompson, Gifford D.,	Grove City
Thornton, John W.,	Reynoldsville
Thompson, Mary Emma,	Grove City
Thompson, Henry B.,	Grove City
Thorn, John,	Grove City
Thompson, Frances F.,	Mercer
Tobin, George E.,	Brockwayville
Tibbins, Besse,	McDonald
Vensel, Joseph Ralph,	Butler, R. D. No. 2
Van Kirk, George,	Brownsville
Welch, Homer,	Grove City
Williamson, Gwendolyn,	Harrisville
Wilson, Mabel,	Rose Point
Weltner, George A.,	McClellandtown
Williams, Josie,	Fitz Henry
Wallace, Mary Melissa,	Mercer
Weaver, Margaret,	Worthington
Whitaker, Dillie,	Instanter
Whitaker, Alice,	Instanter
Williams, Martha C.,	West Punxsutawney
Wilson, Elizabeth H.,	Bradford
Wright, Nellie,	Titusville
Wilson, Joseph R.,	Corsica
Wise, Agnes,	Butler
Wentzel, James H.,	Greensburg
Yard, Linnie,	Grove City
Young, Mayola,	Custer City
Ladies, 111; Gentlemen, 124; Total, 235.	

MUSIC DEPARTMENT

GRADUATES, FULL COURSE STUDENTS

Those who have attended the department at least six terms in succession and have taken studies in Vocal, Voice or Violin and Harmony, Forms, Teachers' Instruction, Dictation, History, Duets, Analysis and Chorus.

PIANO TEACHERS' COURSE

Bassett, Shirley,	Grove City
Barlett, Mrs. Ida M.,	Braddock
Cook, Anna,	Gibsonia
Collins, Inez,	Espyville
Cozad, Amelia,	Worthington
Griffith, Marie,	Braddock
Hurlbert, Hazel,	Westford
McCoy, Margaret,	Grove City
Oates, Edna,	Sharpsville
Smith, Agnes,	Bulger
Thompson, Algia,	Grove City
Thompson, Marian,	Prospect
Wick, Edna,	Harrisville

Ladies, 13; Total, 13.

VIOLIN TEACHERS' AND VIOLIN ARTISTS' COURSE

Bassett, Shirley,	Grove City
Bassett, Carlie,	Grove City

Ladies, 2; Total, 2.

POST GRADUATES

Harper, Blanche,	North Hope
Kiskaddon, Wilmina,	Grove City

Ladies, 2; Total, 2.

UNDER-GRADUATES

PIANO

Alter, Marie,	Parnassus
Beatty, Yetta,	Bellevue
Boyer, Besse,	Finleyville
Burns, Ocello,	Franklin
Breckenridge, Mary,	Grove City
Couch, Terza Della,	Sykesville
Courtney, Helen,	Grove City
Cross, Julia,	Clintonville
Carroll, Beatrice,	West Alexander
Ellenberger, Mabel,	Karns City
Elliott, Iva,	Freeport
Edwards, Robert M.,	East Pittsburg

Fife, Jane,
 Foster, Evelyn,
 Gibson, Mary,
 Graham, Lucy,
 Gelbach, Clara,
 Goodwin, Mrs. Frank W.,
 Humphrey, Mary,
 Hutchinson, Gladys,
 Hutchinson, Margaret,
 Hamilton, Mary,
 Heckman, Celia,
 Harper, Blanche,
 Humphrey, Ernest,
 Jones, Beatrice,
 Jones, Marguerite,
 Lesser, Florence,
 Morrison, Blanche,
 Murtland, Edna,
 Mainwaring, Myrtle,
 Miller, Stella,
 McKay, Bertha,
 McKay, Elizabeth,
 McCullough, Wm. H.,
 McLaughlin, Beatrice,
 McLaughlin, Leola,
 McCoy, Angie,
 Nixon, Plummer O.,
 Patton, Edna A.,
 Patterson, Agnes,
 Rhodes, Lucy,
 Ross, Mabel,
 Reed, Joanna,
 Sample, B. Lucile,
 Scott, Robert,
 Shumaker, Emma,
 Tinker, Vella,
 Trenle, Blanche,
 Thompson, Theodore,
 Williams, Margaret,
 Wilson, Ruth A.,

Bridgeville
 Grove City
 Livermore
 Latrobe
 Evans City
 Kittanning
 New Brighton
 Salt Lake City, Utah
 Salt Lake City, Utah
 Canonsburg
 Elderton
 North Washington
 Portersville
 Baden
 Pittsburg
 Warren
 Seneca
 Karns City
 Grove City
 Grove City
 Grove City
 Grove City
 New Galilee
 Apollo
 Westville
 Grove City
 Edmon
 New Castle
 Enon Valley
 Wampum
 Pittsburg
 Rouseville
 Sharpsville
 Grove City
 New Bethlehem
 Hollidays Cove, W. Va.
 East Liverpool, O.
 Grove City
 Utahville
 Worthington

Ladies, 46; Gentlemen, 6; Total, 52.

VOICE

Andrews, David C.,
 Boyer, Besse,
 Couch, Terza,
 West Newton
 Finleyville
 Sykesville

Covert, Ethel,
 Eakin, Adelbert,
 Edwards, Viers D.,
 Edwards, Robert M.,
 Foster, William B.,
 Goodwin, Mrs. Frank W.,
 Harper, Edward C.,
 Hartsuff, Clara,
 Hutchinson, Margaret,
 Hutchinson, Gladys,
 Hanna, Arthur,
 Humphrey, Mary,
 Jones, Marguerite,
 Jamison, Beulah Belle,
 Kelso, Mrs. Edith,
 McKaraher, C. Gethen,
 Kerr, Pearl,
 Lesser, Florence,
 Mollenauer, Clara,
 McCullough, William H.,
 McLaughlin, Beatrice,
 McAninch, Malcolm G.,
 McMillen, Ellesta,
 McCreight, Mary,
 Nixon, Plummer O.,
 Patton, Edna A.,
 Rhodes, Lucy,
 Shaw, Aber,
 Smith, Matthew F.,
 Woodburn, William, Jr.,
 Wasson, Pearl,

Ladies, 21; Gentlemen, 14; Total, 35.

Barr, Sarah,
 Emerson, Mabel,
 Fife, Jane,
 Frew, Alice,
 Graham, Lucy,
 Kiskaddon, Wilmina,
 Martin, Mary,
 Mead, Ruth,
 Metzger, Raymond J.,
 McConnell, Charlotte,
 McLane, Adda,
 Ruffing, Luella,

Portersville
 Skidmore, R. D.
 Braddock
 East Pittsburg
 Grove City
 Kittanning
 Grove City
 Wampum
 Salt Lake City, Utah
 Salt Lake City, Utah
 Grove City
 New Brighton
 Pittsburg
 Eau Claire
 Grove City
 Philadelphia
 Grove City
 Warren
 Eighty Four
 New Galilee
 Apollo
 Lamartine
 Mercer, R. D. No. 3
 Indiana
 Edmon
 New Castle
 Wampum
 Mamont
 Falls Creek
 Shippensville
 Grove City

ORGAN

Grove City
 Grove City
 Bridgeville
 Grove City
 Latrobe
 Grove City
 Grove City
 Grove City
 Ettna
 Grove City
 East Liverpool, Ohio
 Grove City

Seiple, Stanley,	Greenville
Sample, Lucile,	Sharpsville

Ladies, 12; Gentlemen, 2; Total, 14.

VOCAL CLASS WORK

Barlett, Mrs. Ida,	Braddock
Collins, Inez,	Espyville
Cook, Anna,	Gibsonia
Cozad, Amelia,	Worthington
Griffith, Marie,	Braddock
Hurlbert, Hazel,	Westford
McCoy, Margaret,	Grove City

Ladies, 7; Total, 7.

HARMONY

Beatty, Yetta,	Bellevue
Boyer, Besse,	Finleyville
Breckenridge, Mary,	Grove City
Courtney, Helen,	Grove City
Cross, Julia,	Clintonville
Ellenberger, Mabel,	Karns City
Fife, Jane,	Bridgeville
Foster, Evelyn,	Grove City
Humphrey, Mary,	New Brighton
Hutchinson, Margaret,	Salt Lake City, Utah
Hutchinson, Gladys,	Salt Lake City, Utah
Heckman, Celia,	Elderton
Jones, Marguerite,	Pittsburg
Murtland, Edna,	Karns City
Mainwaring, Myrtle,	Grove City
Miller, Stella,	Grove City
McKay, Bertha,	Grove City
McKay, Elizabeth,	Grove City
McCullough, Wm. H.,	New Galilee
McLane, Adda,	East Liverpool, Ohio
Nixon, Plummer O.,	Edmon
Patton, Edna A.,	New Castle
Rhodes, Lucy,	Wampum
Sample, Lucile,	Sharpsville
Tinker, Vella,	Hollidays Cove, W. Va.
Thompson, Theodore,	Grove City

Ladies, 23; Gentlemen, 3; Total, 26.

TEACHERS' INSTRUCTION

IN PIANO

Breckenridge, Mary,	Grove City
Courtney, Helen,	Grove City

Cross, Julia,
 Ellenberger, Mabel,
 Fife, Jane,
 Foster, Evelyn,
 Hutchinson, Margaret,
 Hutchinson, Gladys,
 Heckman, Celia,
 Mainwaring, Myrtle,
 Miller, Stella,
 McKay, Bertha,
 McKay, Elizabeth,
 Nixon, Plummer O.,
 Patton, Edna A.,
 Sample, Lucile,
 Tinker, Vella,
 Williams, Margaret B.,

Clintonville
 Karns City
 Bridgeville
 Grove City
 Salt Lake City, Utah
 Salt Lake City, Utah
 Elderton
 Grove City
 Grove City
 Grove City
 Grove City
 Edmon
 New Castle
 Sharpsville
 Hollidays Cove, W. Va.
 Utahville

Ladies, 17; Gentlemen, 1; Total, 18.

TEACHERS' INSTRUCTION IN VOICE

Boyer, Besse,
 Hutchinson, Margaret,
 McCullough, William H.,
 Smith, Matthew F.,

Finleyville
 Salt Lake City, Utah
 New Galilee
 Falls Creek

Ladies, 2; Gentlemen, 2; Total, 4.

VIOLIN

Brown, R. DeWitt,
 Buchanan, A. Moore,
 Hassler, Jacob,
 Keister, J. Madison,

Grove City
 Hookstown
 Grove City
 Keister

Gentlemen, 4; Total, 4.

ELEMENTS

Boyer, Besse,
 Carroll, Beatrice,
 Elliott, Iva,
 Eakin, Adelbert,
 Humphrey, Mary,
 Humphrey, Ernest,
 Hamilton, Mary E.,
 Jones, Marguerite,
 Morrison, Blanche,
 Murtland, Edna,
 McLaughlin, Beatrice,
 Patterson, Agnes,
 Rhodes, Lucy,
 Thompson, Theodore,

Finleyville
 West Alexander
 Freeport
 Skidmore
 New Brighton
 Portersville
 Canonsburg
 Pittsburg
 Seneca
 Karns City
 Apollo
 Enon Valley
 Wampum
 Grove City

Williams, Margaret B., Utahville
 Ladies, 12; Gentlemen, 3; Total, 15.

MODEL DEPARTMENT

Black, Mabel,	Grove City
Black, John,	" "
Black, James,	" "
Barnes, Alice,	" "
Coulter, Alice,	" "
Forest, Milletta,	" "
Foltz, Ruth,	" "
Graham, Ethel,	" "
Hill, Phillip,	" "
Hassler, Miriam,	" "
Hassler, Edgar,	" "
Hepler, Mary,	" "
Hepler, Martin,	" "
Kerr, Ora,	" "
Kelly, Ivant,	" "
Montgomery, Hazel,	" "
Nelson, Lucile,	" "
Purvis, Helen,	" "
Purvis, William,	" "
Pearson, Charles,	" "
Ruffing, Marie,	" "
Robins, Lola,	" "
Ruffing, John,	" "
Ross, Marian,	" "
Spears, Agnes,	" "
Slater, Thomas,	" "
Shira, Clara,	" "
Thompson, John L.,	" "
Winger, Verne,	" "

Girls, 17; Boys, 12; Total, 29.

CERTIFICATES GRANTED: PIANO TEACHERS' COURSE

For teaching beginning grade: Marie Griffith, Edna Oates, Agnes Smith,
 Algia Thompson and Marian Thompson.

Beginning and low middle grade: Mrs. Ida M. Barlett, Shirley Bassett, Anna
 Cook.

Beginning and middle grade: Amelia Cozad.

Beginning, middle and low advanced grade: Inez Collins and Hazel Hurlbert.

For teaching Violin: Carlie Bassett and Shirley Bassett.

Artists' Course.

SPECIAL IN PHILOSOPHY AND ENGLISH

Beatty, P. Franklin, Butler, R. D. No. 2

Boots, Ralph,
 Brezler, Wm. John,
 Coventry, Rev. Wm. R.,
 Crawford, Rev. Frank W.,
 Carson, J. Orr,
 Daily, Ross H.,
 Hartwell, James Garfield,
 Hawk, Irene,
 McClung, Frank A.,
 McCurdy, Stanley S.,
 Pound, Laura G.,
 Ray, Daisy,
 Smith, Matthew F.,
 Thompson, W. DeWayne,
 Zahniser, Walter Verne,
 Zahniser, Rev. Chas. R.,

Grove City
 Penns Station
 Mansoura, Egypt
 Turtle Creek
 Pleasantville
 North Girard
 Youngstown, Ohio
 New Kensington
 West Sunbury
 Adamsville
 Grove City
 Grove City
 Falls Creek
 North Washington
 Mercer, R. D. No. 9
 Pittsburg

Ladies, 3; Gentlemen, 14; Total, 17.

ART

GRADUATES

Graham, Lucy M.,
 Maine, Ida Mae,
 Mollenauer, Etta,
 Walker, Hattie,

Latrobe
 Philadelphia
 Eighty Four
 Saxonburg

Ladies, 4; Total, 4.

UNDER-GRADUATES

Breckenridge, Mary,
 Baird, Jesse,
 Burns, Ocella,
 Eakin, Pearl,
 Gelbach, Clara,
 Griffen, Ethyl,
 Hutchinson, Gladys,
 Long, Floy,
 Latshaw, Grace,
 Taylor, Lawrence,
 Weigle, Rose,

Grove City
 Grove City
 Franklin
 Grove City
 Evans City
 Emlenton
 Salt Lake City, Utah
 Fresno, California
 Raymilton
 Harrisville
 Monaca

Ladies, 9; Gentlemen, 2; Total, 11.

COMMERCIAL DEPARTMENT

GRADUATES

Baeuerlein, Wm. H.,
 Best, Clair D.,
 Bigger, A. Gail,

Millvale
 Pollock
 Murdocksville

Fasenmeyer, Wm. A.,	Vowinkle
Forquer, Gus. Graham,	Grove City
Hanna, Walter C.,	Grove City
Kier, James Irwin,	Avonmore
Lowary, Cecil,	Butler
Lace, Frank,	Vandergrift
McCorkle, Harry,	Hoboken
Peebles, Genevieve,	Grove City
Shorts, Floyd K.,	Grove City
Swank, Roland M.,	Leechburg
VanEman, Clare,	Grove City
Ladies, 2; Gentlemen, 12; Total, 14.	

UNDER-GRADUATES

Brown, Edgar S.,	Ellwood City
Chaney, Roy A.,	Albion
Dennison, John C.,	Coal Glen
Firm, Anna,	Grove City
Henderson, Lowrie W.,	Sandy Lake
Hosack, Gregg,	Grove City
Locke, Ira A.,	Grove City
London, Walter,	Ellsworth
McClelland, Alfred L.,	Grove City
Porter, Eva,	Grove City
Price, Ethel,	Sharon
Wray, Wm. J.,	Grove City
Ladies, 3; Gentlemen, 9; Total, 12.	

STENOGRAPHY

GRADUATES

Barto, Harvey,	Evans City
Carson, Florence D.,	Kennerdell
Hanna, Mamie Frances,	Grove City
McLaughlin, Harry William,	Westville
Price, Ethel,	Sharon
Ladies, 3; Gentlemen, 2; Total, 5.	

UNDER-GRADUATES

Bracken, Chester,	Volant
Edwards, Robert M.,	East Pittsburg
Fulton, Jessie F.,	Home
Foster, William B.,	Pittsburg
Johnston, Alice,	Grove City
Lowry, Cecil,	Butler
Moorehead, James William,	Volant

Nealy, Marion,
Nickle, Gertrude A.,
Noel, Elinore,
Uber, Lamont,

East Brady
Hookstown
Cresson
Grove City

Ladies, 6; Gentlemen, 5; Total, 11.

TYPEWRITING

Appleton, Elnora,
Beatty, Minnie,
Cheney, Roy A.,
Firm, Anna,
Porter, Eva,

Darlington
Butler, R. D. No. 2
Albion
Grove City
Grove City

Ladies, 4; Gentlemen, 1; Total, 5.

SUMMARY

Collegiate Department:	Ladies	Gentlemen	Total
Post Graduates.....	1	62	63
Senior Class	19	35	54
Junior Class	5	13	18
Sophomore Class.....	10	23	33
Freshman Class	19	45	64
Preparatory Department	25	69	94
Irregular and Unclassified.....	111	124	235
Special in Philosophy and English.....	3	14	17
Music Department:			
Post Graduates:			
Piano	2	2	4
Graduates:			
Piano Teachers' Course	13		13
Violin Teachers' and Violin Artists' Course	2		2
Under-Graduates:			
Piano	46	6	52
Voice	21	14	35
Harmony.....	23	3	26
Teachers' Instruction in Piano	17	1	18
Teachers' Instruction in Voice	2	2	4
Vocal Class Work.....	7		7
Violin.....		4	4
Pipe Organ.....	12	2	14
Elements	12	3	15
Model Class	17	12	29
Art Department:			
Graduates	4		4
Under-Graduates.....	9	2	11
Stenography and Typewriting Department:			
Graduates	3	2	5
Under-Graduates.....	6	5	11
Typewriting	4	1	5
Commercial Department:			
Graduates	2	12	14
Under-Graduates.....	3	9	12
Different Students			
1908-1909.....	292	434	726

DEGREES AND HONORS

At the annual meeting of the Board of Trustees, June 15th, 1909, degrees were conferred as follows:

Bachelor of Arts upon Bernice Campbell, Charles Morrison Christler, Harold Willis Dodds, Wilbur D. Hawk, J. Norman Hunter, Frank W. Goodwin, George C. Hutchinson, Howard Lonsdale Headland, Mabel King, Norman Koontz, Philip J. Lent, Frank A. Lawrence, F. Paul McConkey, Horace F. Shearer, and George Holten Traugh.

Bachelor of Science upon Frank J. Cook, Verne D. Johnston, Harold T. Maitland, Cora E. Mitchell, and Meade Wiant.

Bachelor of Philosophy upon J. Winter Brown, Verna Bolander, Oscar P. Ballintine, Freda Berlin, Cecil C. Bovard, William J. Braham, Delpha Campbell, Oswin R. Clutter, Charles E. Crider, Mabel Hamilton, Howard B. Hutchman, Orrin W. Jaquish, Margaretta Johnston, Pearl Kerr, Julia Kennedy, Floyd D. Kingsley, Thomas E. Kingsley, Grayce Koofer, Walter J. Lace, Mabel Lee Mechling, Miles G. Morris, Milford L. McBride, Alice McCoy, Charles Campbell McCullough, Hugh McCullum, T. Friend McCoy, John Rose McWilliams, Margaret Pearce, Luverne H. Pepper, John W. Rutherford, Annie Laurie Schaller, Florence Stevens, Natelie Wiegering, Marian Wilson, and Elizabeth Wilson.

Master of Arts, in cursu, upon Prof. Barclay H. Bottenhorn, '02; John A. Blair, '92; Prof. P. Franklin Beatty, '06; Prof. Frank A. Barkley, '01; Prof. John G. Bingham, '05; Prof. Fred L. Bach, '07; Prof. Louis M. Boozell, '06; Dr. M. A. Barnes, '89; Prof. Reben L. Countryman, '07; Dr. Rose M. Dunn, '92; Prof. Jere B. Edwards, '04; Dan O. Goodwin, Esq., '94; C. G. Kiskaddon, Esq., '98; Rev. J. Herron Miller, '03; Prof. J. Orr McLaughlin, '05; Wm. McJunkin, Esq., '96; Dr. Curtis C. Mechling, '97; Prof. Frank A. McClung, '06; Rev. F. W. Mitchell, '97; Alice Neal, '93; Prof. Wm. A. Peters, '03; Rev. Uriah D. Reiter, '05; Rose M. Stewart, '04; Rev. Theodore S. Stuart, '03; Prof. J. Lloyd Spitler, '04; Prof. Wm. John Smith, '06; George Weil, Esq., '02; Anna Vogan, '95; Prof. Don H. Wheeler, '05; Mabel Young, '06.

Master of Arts, *causa honoris*, upon Dr. J. Dana Blair, Franklin, Pa.; Prof. Henry Howard Elliott, Freeport, Pa.; Dr. M. L. Glenn, Swissvale, Pa.; Dr. T. A. Irwin, Franklin, Pa.; Dr. H. H. Lamb, Rouseville, Pa.; Dr. Samuel E. Ralston, Zelienople, Pa.; Dr. L. H. Stepp, Glade Mills, Pa.

Doctor of Philosophy, on examination, upon Rev. S. H. Barlett, Brad-dock, Pa.; Prof. Roscoe Bowman, Grove City, Pa.; Rev. Frank W. Crawford, Turtle Creek, Pa.; Rev. T. J. Gaehr, Canton, Ohio; Rev. Wm. H. McMaster, Blairsville, Pa.; W. H. Overs, Brockton, N. Y.; Rev. J. M. Welch, Indiana, Pa., and Rev. Charles R. Zahniser, Pittsburg, Pa.

Doctor of Divinity upon Rev. Howard Campbell, Cheing Mai, Laos, Siam; Rev. T. B. F. Smith, York, Nebraska; Rev. R. Lew Williams, Elmira, N. Y.

Address all communications to the President, Isaac C. Ketler,
or to the Registrar, James F. Ray, Grove City, Pa.

UNIVERSITY OF ILLINOIS-URBANA



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